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PROJECTIONS AND PLANNING INFORMATION



Tuolumne County

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EMPLOYMENT DEVELOPMENT DEPARTMENT



Serving the People of California

PROJECTIONS AND PLANNING INFORMATION

LABOR MARKET INFORMATION DIVISION

MISSION

TUOLUMNE COUNTY

WE PROMOTE CALIFORNIA'S ECONOMIC HEALTH BY PROVIDING
INFORMATION TO HELP PEOPLE UNDERSTAND CALIFORNIA'S
ECONOMY AND MAKE INFORMED LABOR MARKET CHOICES.

VISION

WE ARE THE LABOR MARKET INFORMATION SOURCE FOR CALIFORNIA
AND A NATIONAL LEADER IN LABOR MARKET INFORMATION. WE ARE
AN INNOVATIVE, CREATIVE AND EXPERT CONSULTING ORGANIZATION,
AN ECONOMIC DEVELOPMENT RESEARCH PARTNER AND A
PRESTIGIOUS AND HIGHLY RESPECTED ORGANIZATION.

Mailing Address:

Employment Development Department
Labor Market Information Division, MIC 57
P.O. Box 826880
Sacramento, CA 94280-0001

For Additional Information For This County
Call Victor Coelho, (209) 244-7718
or (916) 262-2162

State of California
Health and Welfare Agency

PROJECTIONS AND PLANNING INFORMATION

TUOLUMNE COUNTY

Planning Division

Department of Planning and Development
1000 Broadway, Suite 1200, MS 27
Portland, OR 97201
Phone: (503) 464-5500
Fax: (503) 464-5501

For more information, contact:
Mr. John Smith, Director
Phone: (503) 464-5500
Fax: (503) 464-5501

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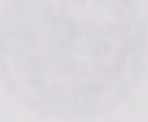
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Projections & Planning Information

Module A:

Introduction

PROJECTIONS AND PLANNING INFORMATION

1999 UPDATE

FOR

TUOLUMNE COUNTY

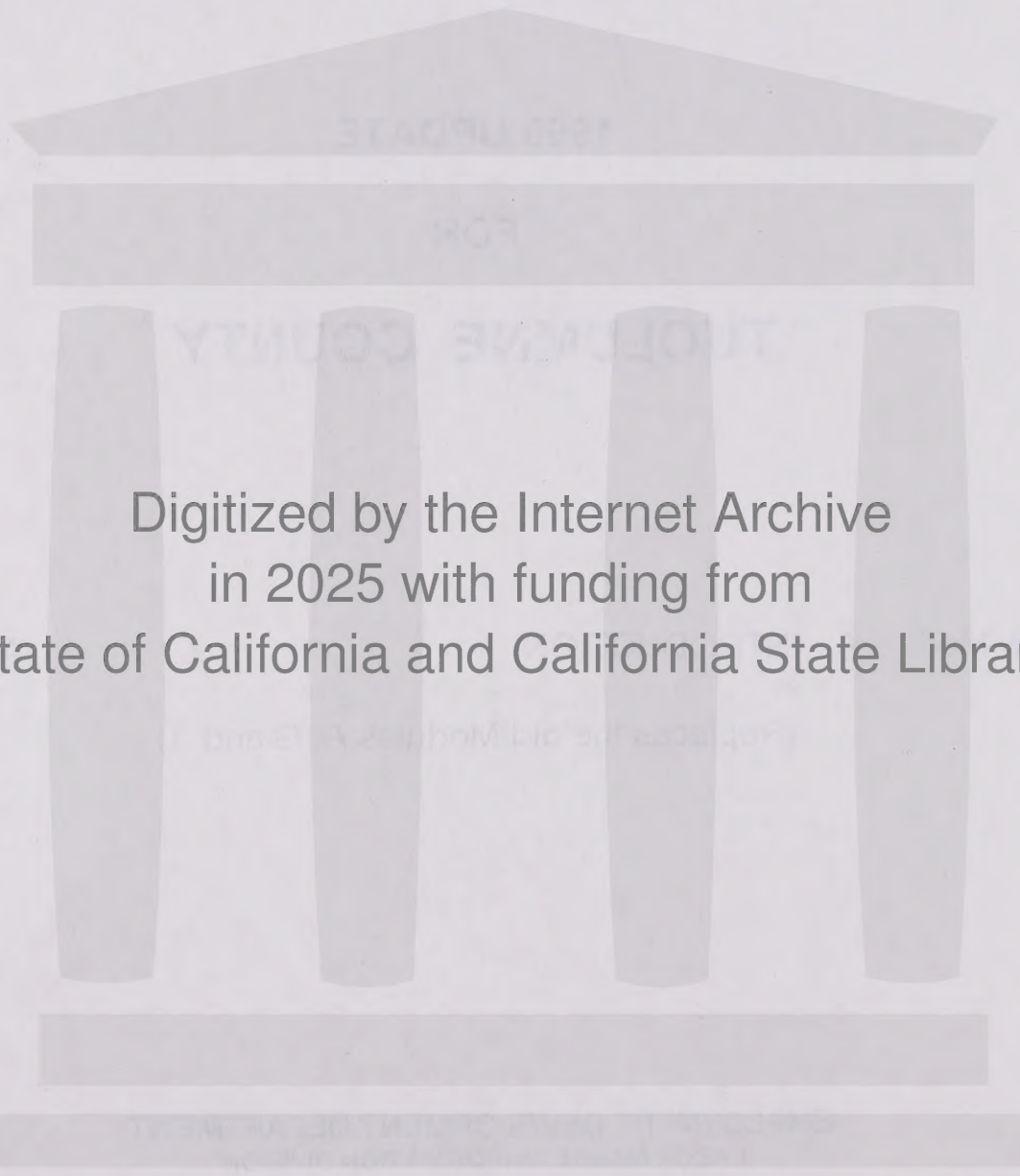
New Module A: INTRODUCTION

All Pages

(Replaces the old Modules A, G and J)

**EMPLOYMENT DEVELOPMENT DEPARTMENT
LABOR MARKET INFORMATION DIVISION**

For questions about this report, call (916) 262-2309.



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NOTE TO READERS

The Employment Development Department's Labor Market Information Division (LMID) regularly collects, analyzes, and publishes information about California's labor market, which consists of approximately 15 million workers and 970,000 employers. In addition to employment and unemployment data, LMID provides economic planning information, industry and occupational information, social and demographic information, and a variety of other statistics.

LMID produces the Projection and Planning Information (PPI) publication for 55 counties and the State. Each module within the PPI is designed to present data in the clearest and most usable form possible. The variety of reports within each module is intended to answer the most often asked questions. These reports are issued in modules that are updated as new information becomes available and are delivered to customers for inclusion in a three-ring binder.

Customers may choose some or all of the following modules:

Module A: Introduction Information about the featured county and population tables providing data for the past and present. Additional resources for exploring various occupations.

- Area Profile
- Area Map
- County/City Population
- Population Estimates for California and Counties
- LMID Area Consultants
- Labor Market Information Product List
- O*NET – The Occupational Network
- SOC – Standard Occupational Classification
- Job Service Offices
- EDD Internet Home Page
- Related Websites

Module B: Labor Force Current and historical labor force, employment, unemployment and unemployment rates

- Introduction
- State Map of Current Annual Average Rates by County
- Annual Average Unemployment Rates
- Monthly and Annual Average Data

Module C: Wage and Salary Employment Current and historical wage and salary employment data

- Introduction
- Annual Average Data
- Monthly Data
- Standard Industrial Classification Manual (SIC) - 1987

Module D: Projections – Information for estimating job opportunities, developing training programs, and gaining an insight into future employment trends.

- Introduction
- Description of Industry and Occupational Tables
- Industry Trends and Outlook
- Employment by Major Industry
- Industry Employment Projections
- Employment by Major Occupational Group
- Occupations with the Greatest Absolute Job Growth
- Occupations with the Fastest Job Growth
- Occupational Employment Projections
- Occupations with Most Openings
- Occupations with Projected Declines
- Alphabetical Index of Occupations
- Standard Industrial Classification Manual (SIC)
- North American Industry Classification System (NAICS)
- Methods and Economic Assumptions

Module E: Occupational Wages – Occupational Employment Statistics (OES) Wage Survey results and explanation of methodology

- Introduction
- Alphabetical List of Occupations
- Occupational Wages for Selected Counties

Module F: Social and Economic Data – Tables from the U.S. Department of Commerce, the Bureau of the Census, and various State agencies.

- Introduction
- State Map of Median Household Income by County
- Public Assistance Recipients by Program
- Aid to Families with Dependent Children, Characteristics of Recipients, 16 Yrs. and Older
- Veterans by Active Duty
- Lower Living Income Levels and Poverty Guidelines
- Planning Information for Service Delivery Areas, Selected Characteristics by Age
- Explanation of Terms and Concepts
- Nondiscrimination Information

COUNTY INFORMATION

Tuolumne County

Tuolumne County lies on the western slope of the Sierra Nevada. The county covers approximately 2,000 square miles. Its elevation ranges from 300 feet in the southwest to 13,000 feet in the Sierra Nevada Mountains. The county is bounded on the north by the Stanislaus River and on the south by the area between the Tuolumne and Merced Rivers. Tuolumne County, which is approximately 350 miles north of Los Angeles and 65 miles east of Stockton, is traversed by three main highways: State Route 49, State Route 108 (Sonora Pass-closed during winter), and State Route 120 (Tioga Pass-closed during winter). Transportation to and from the county is provided by the Sierra Railroad (freight only), several truck lines, a county owned airport, and bus passenger service. The average temperature is 44 degrees (F) in the winter, 78 degrees (F) in the summer and the average annual rainfall is 33 inches.

Forested terrain predominates in Tuolumne County. Above 3,500 feet, the terrain is covered primarily by

mixed conifer forests. From 3,500 ft. downward to an elevation of 1,500 ft. the cover is oak woodland mixed with areas of dense brush or open grassland. A large portion of the 150,000 acres of farm land is used for beef cattle production and fruit production, principally apples.

Located in the southeastern sector of the county is a portion of one of the premier natural attractions of the world, Yosemite National Park. This majestic park attracts thousands of visitors annually and offers a wide variety of recreational activities. Other state and federal parks and recreational areas include Columbia State Park, Stanislaus National Forest, Dodge Ridge Ski area, and Leland meadows. Numerous lakes and reservoirs are located in Tuolumne County. Notable among these are Don Pedro, Tulloch, Hetch Hetchy, and New Melones reservoirs. The abundant variety of Tuolumne County's natural resources attract visitors and vacationers to the area throughout the year with the heaviest influx coming during the summer months.

TUOLUMNE COUNTY

Alpine County

Calaveras County

Mono County



A-2



TUOLUMNE COUNTY

Population of the County and Selected Cities 1980, 1990, 1997, and 1998

Political Subdivisions	1980 (a)	1990 (b)	1997 (c)	1998 (c)	Percent Change	
					1980 to 1990	1997 to 1998
Total	33,928	48,456	51,900	52,800	42.8%	1.7%
Sonora	3,247	4,153	4,190	4,220	27.9%	0.7%
Balance of County	30,681	44,303	47,750	48,600	44.4%	1.8%

(a) Census of Population, April 1, 1980.

(b) Census of Population, April 1, 1990.

(c) California Department of Finance revised estimates for January 1, 1997 and estimates for January 1, 1998. Parts may not add to total due to independent rounding.

POPULATION ESTIMATES FOR CALIFORNIA AND COUNTIES

	January		Percent Change		January		Percent Change
	1997	1998			1997	1998	
California	32,670,000	33,252,000	1.8%	Nevada	87,700	88,800	1.3%
Alameda	1,381,700	1,408,100	1.9%	Orange	2,677,500	2,722,300	1.7%
Alpine	1,190	1,200	0.8%	Placer	212,400	217,900	2.6%
Amador	33,200	33,700	1.5%	Plumas	20,350	20,600	1.2%
Butte	197,500	201,600	2.1%	Riverside	1,400,400	1,441,200	2.9%
Calaveras	37,100	38,350	3.4%	Sacramento	1,139,500	1,159,800	1.8%
Colusa	18,400	18,550	0.8%	San Benito	45,050	46,600	3.4%
Contra Costa	887,100	900,700	1.5%	San Bernardino	1,605,000	1,621,900	1.1%
Del Norte	27,950	28,900	3.4%	San Diego	2,729,100	2,794,800	2.4%
El Dorado	144,000	147,600	2.5%	San Francisco	772,800	789,600	2.2%
Fresno	774,200	786,800	1.6%	San Joaquin	537,700	545,200	1.4%
Glenn	26,800	26,950	0.6%	San Luis Obispo	232,700	239,000	2.7%
Humboldt	125,600	127,700	1.7%	San Mateo	704,800	715,400	1.5%
Imperial	141,000	142,100	0.8%	Santa Barbara	397,200	405,500	2.1%
Inyo	18,300	18,500	1.1%	Santa Clara	1,654,800	1,689,900	2.1%
Kern	629,200	639,800	1.7%	Santa Cruz	245,400	250,200	2.0%
Kings	116,700	122,800	5.2%	Shasta	162,500	165,000	1.5%
Lake	55,000	55,100	0.2%	Sierra	3,360	3,360	0.0%
Lassen	34,350	34,150	-0.6%	Siskiyou	44,150	44,700	1.2%
Los Angeles	9,470,900	9,603,300	1.4%	Solano	375,500	383,600	2.2%
Madera	111,900	114,300	2.1%	Sonoma	428,600	437,100	2.0%
Marin	241,400	245,900	1.9%	Stanislaus	421,900	427,600	1.4%
Mariposa	15,950	16,150	1.3%	Sutter	75,400	76,800	1.9%
Mendocino	85,400	86,900	1.8%	Tehama	54,500	55,400	1.7%
Merced	200,200	204,400	2.1%	Trinity	13,300	13,250	-0.4%
Modoc	10,150	10,150	0.0%	Tulare	355,900	360,400	1.3%
Mono	10,500	10,600	1.0%	Tuolumne	51,900	52,800	1.7%
Monterey	368,900	386,200	4.7%	Ventura	721,000	730,800	1.4%
Napa	120,100	123,300	2.7%	Yolo	153,700	156,800	2.0%
				Yuba	60,800	61,400	1.0%

SOURCE: State of California, Department of Finance, Population Estimates for California Cities and Counties.
Report 97 E-1. Sacramento, California, May 1998.

RESOURCE INFORMATION

AREA CONSULTANTS

Located strategically in cities and counties throughout California, the Area Services Group consists of 25 regional Labor Market Consultants. The Labor Market Consultants serve as the single point of contact for questions or analysis about local trends and conditions throughout California. Consultants provide technical assistance on the use of labor market information and are available to make presentations on a variety of labor market information subjects. They may also provide customized research services and products to fit specialized labor market information requests.

County Name	Single Point of Contact	Public Telephone No.	Alternate Contact	Public Telephone No.
Statewide	Information Desk	916-262-2162		
Alameda	Jeanette Miller	925-602-1588	Paak-Yin Tam	415-920-2423
Alpine	Quentin Turner	916-774-4384	David Lyons	916-227-2015
Amador	Ismael Tapia	209-941-6551	Quentin Turner	916-774-4384
Butte (Chico)	Brandy Daniel	530-895-4300	Kathy Porter	530-225-2562
Calaveras	Victor Coelho	559-244-7718	Carla Barnes	559-244-7716
Colusa	Brandy Daniel	530-895-4300	Anita Alexander	707-441-5892
Contra Costa	Jeanette Miller	925-602-1588	Paak-Yin Tam	415-920-2423
Del Norte	Anita Alexander	707-441-5892	Kathy Porter	530-225-2562
El Dorado	David Lyons	916-227-2015	Quentin Turner	916-774-4384
Fresno	Carla Barnes	559-244-7716	Victor Coelho	559-244-7718
Glenn	Brandy Daniel	530-895-4300	Kathy Porter	530-225-2562
Humboldt	Anita Alexander	707-441-5892	Kathy Porter	530-225-2562
Imperial	Cheryl Mason	619-689-6544	Ann Marshall	714-687-4816
Inyo	Sarah Parker	805-395-2543	Dee Johnson	805-568-1358
Kern	Sarah Parker	805-395-2543	Dee Johnson	805-568-1358
Kings	Victor Coelho	559-244-7718	Carla Barnes	559-244-7716
Lake	Anita Alexander	707-441-5892	Brandy Daniel	530-895-4300

These assignments change periodically. For updates call 916-262-2166 or check the Internet <http://www.calmis.ca.gov>

Area Consultants

County Name	Single Point of Contact	Public Telephone No.	Alternate Contact	Public Telephone No.
Lassen	Brandy Daniel	530-895-4300	Kathy Porter	530-225-2562
Los Angeles	(Any L.A. Analyst)			
Central City	Bill Freed	213-744-2570	Rosanna Lo	213-744-2569
San Fernando Valley	Margaret Platt	818-898-4184	Linda Reed	626-350-6530
San Gabriel Valley	Linda Reed	626-350-6530	Margaret Platt	818-898-4184
South Bay	Rosanna Lo	213-744-2569	Bill Freed	213-744-2570
Madera	Carla Barnes	559-244-7716	Victor Coelho	559-244-7718
Marin	Cathe Rutherford	707-863-9753	Paak-Yin Tam	415-920-2423
Mariposa	Carla Barnes	559-244-7716	Victor Coelho	559-244-7718
Mendocino	Anita Alexander	707-441-5892	Brandy Daniel	530-895-4300
Merced	Carla Barnes	559-244-7716	Victor Coelho	559-244-7718
Modoc	Kathy Porter	530-225-2562	Brandy Daniel	530-895-4300
Mono	Sarah Parker	805-395-2543	Dee Johnson	805-568-1358
Monterey	Eric Alexander	831-464-4367	Mary Navarro	408-774-2369
Napa	Cathe Rutherford	707-863-9753	Eric Alexander	831-464-4367
Nevada	Quentin Turner	916-774-4384	David Lyons	916-227-2015
Orange	Ann Marshall	714-687-4816	Cheryl Mason	619-689-6544
Placer	David Lyons	916-227-2015	Quentin Turner	916-774-4384
Plumas	Brandy Daniel	530-895-4300	Kathy Porter	530-225-2562
Riverside	Thomas Flournoy	909-885-8614	Ann Marshall	714-687-4816
Sacramento	David Lyons	916-227-2015	Quentin Turner	916-774-4384
San Benito	Eric Alexander	831-464-4367	Mary Navarro	408-774-2369
San Bernardino	Thomas Flournoy	909-885-8614	Ann Marshall	714-687-4816

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San Diego	Cheryl Mason	619-689-6544	Ann Marshall	714-687-4816
San Francisco	Paak-Yin Tam	415-920-2423	Ruth Kavanagh	650-737-2664
San Joaquin	Ismael Tapia	209-941-6551	Quentin Turner	916-774-4384
San Luis Obispo	Dee Johnson	805-568-1358	Sarah Parker	805-395-2543
San Mateo	Ruth Kavanagh	650-578-2664	Paak-Yin Tam	415-920-2423
Santa Barbara	Dee Johnson	805-568-1358	Sarah Parker	805-395-2543
Santa Clara	Mary Navarro	408-774-2369	Ruth Kavanagh	650-737-2664
Santa Cruz	Eric Alexander	831-464-4367	Mary Navarro	408-774-2369
Shasta	Kathy Porter	530-225-2562	Brandy Daniel	530-895-4300
Sierra	Quentin Turner	916-774-4384	David Lyons	916-227-2015
Siskiyou	Kathy Porter	530-225-2562	Anita Alexander	707-441-5892
Solano	Cathe Rutherford	707-863-9753	Eric Alexander	831-464-4367
Sonoma	Cathe Rutherford	707-863-9753	Eric Alexander	831-464-4367
Stanislaus	Victor Coelho	559-244-7718	Carla Barnes	559-244-7716
Sutter	Quentin Turner	916-774-4384	David Lyons	916-227-2015
Tehama	Kathy Porter	530-225-2562	Brandy Daniel	530-895-4300
Trinity	Kathy Porter	530-225-2562	Anita Alexander	707-441-5892
Tulare	Victor Coelho	559-244-7718	Carla Barnes	559-244-7716
Tuolumne	Victor Coelho	559-244-7718	Carla Barnes	559-244-7716
Ventura	Dee Johnson	805-568-1358	Sarah Parker	805-395-2543
Yolo	David Lyons	916-227-2015	Quentin Turner	916-774-4384
Yuba	Quentin Turner	916-774-4384	David Lyons	916-227-2015

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LABOR MARKET INFORMATION PRODUCT LIST

Item Description	Item Cost*	Sub- scription Cost (yearly)
California Career Notes Set - Careers with a Future The California Career Notes provide "at a glance" information about occupations suited for entry level job seekers - jobs with a large number of openings and which can provide career growth potential. These easily readable single sheet Career Notes target entry-level workers, including welfare-to-work clients. The set contains 50 occupation.	\$12.50	
California (OES) Dictionary of Occupations The dictionary contains a list of occupational codes and titles used in the Occupational Employment Statistics survey.	\$15.00	
California Labor Market Bulletin Information on employment and unemployment, recent industry trends for California, and current labor force data for all counties.	NA	\$15.00
California Labor Market Bulletin-Statistical Supplement A detailed breakout of employment by industry for the State and 17 largest areas. It also contains average weekly earnings, average hourly earnings and average weekly hours for production workers in manufacturing.	NA	\$30.00
California License Handbook 1997 A list of occupations licensed by the State of California along with license fees, licensing requirements, and the name and address of the licensing authority.	\$15.00	
California Occupational Guides Set Contains 350 individual occupations or groups of related occupations with statewide information about job duties, working conditions, employment outlook, wages, benefits, entrance requirements, and training.	\$45.00	
California Occupational Guide Profiles (IBM)	\$25.00	
California Occupational Guide Profiles (MAC) A diskette containing summaries of approximately 300 occupations.	\$25.00	
California Unemployment Insurance Reporting Units By Size, Industry and County (Report 524) Presents the characteristics of reporting units by their size of employment. The report includes this data at the statewide, county and MSA level.	\$13.00	
Emerging Occupations in California-A Sampler	\$9.00	
Emerging Occupations in California-Environmental Hazardous Waste Occupations	\$9.00	
Emerging Occupations in California-Robotics and Related Automated Systems	\$9.00	
In Search of Skill Standards for 2000 and Beyond A new report about current skill standards research resulting from the establishment of the Secretary's Commission of Achieving Necessary Skills in 1990, U.S. Department of Labor.	\$10.00	
Interim Employment Series Provides monthly industry employment estimates from January 1997 through the current month.	NA	\$20.00
Labor Market Conditions in California		\$30.00
Labor Market Conditions in California The Current Population Survey details, the wage and salary employment by industry series (both seasonally adjusted and unadjusted), Enhanced National Data System and Unemployment Insurance data.	\$6.00	
Monthly Labor Force Data for Counties (Report 400C) Statistics on civilian labor force, employment, and unemployment for MSA's and counties in California.	NA	\$12.00

Item Description	Item Cost*	Subscription Cost (yearly) per area
Monthly Labor Force Data for Sub-County Areas This report contains labor force data for individual counties and selected cities and other sub-areas within the counties. There are five area reports for California: Central Coast (LAU-29), Los Angeles/Ventura (LAU-30), Northern (LAU-31), Southern (LAU-32) and Valley (LAU-33).		\$15.00
Monthly Labor Force Data for Service Delivery Areas (Report 400S) Statistics on civilian labor force, employment, and unemployment for service delivery areas in California.	NA	\$12.00
Nondiscrimination Reports by MSA, PMSA, CMSA		
Fresno - Madera (MSA).....	\$8.00	
Los Angeles - Riverside - Orange (CMSA).....	\$8.00	
Riverside-San Bernardino (PMSA).....	\$8.00	
Sacramento - El Dorado - Placer (PMSA).....	\$8.00	
San Francisco - Oakland - San Jose (CMSA).....	\$8.00	
Marin - San Francisco - San Mateo (PMSA).....	\$8.00	
Napa - Solano (PMSA).....	\$8.00	
Sutter - Yuba (MSA).....	\$8.00	
Alameda - Contra Costa (PMSA).....	\$8.00	
Projections and Planning Information Report (PPI)-California Provides civilian labor force data, wage and salary employment, industry/occupational projections, social/economic data and other resources.	\$35.00	
Labor Force.....	\$12.00	
Wage and Salary Employment.....	\$13.00	
Industry and Occupational Projections.....	\$15.00	
Social/Economic Data and Nondiscrimination Information - 1990 Census.....	\$10.00	
Other LMI.....	Incl w/E	
Projections and Planning Information (PPI) Report-By County (see attachment 2 for individual item numbers) Labor Force.....	\$35.00	
Wage and Salary Employment.....	\$8.00	
Industry and Occupational Projections.....	\$8.00	
Wages.....	\$15.00	
Social/Economic Data and Nondiscrimination Information - 1990 Census.....	\$9.00	
	\$10.00	
Small Business in California: A Resource Guide for Starting and Improving Your Small Business This resource guide is for small business owners and those who dream of someday owning a small business. It is also geared as a reference tool for persons who assist others in small business development.	\$10.00	
Small Firm Employment Growth Report 1991-1995 The report was developed to answer the question, "What fraction of employment growth is generated by small firms - those with fewer than 10 employees. It analyzes this question by examining employment growth for both small and large firms from 1991 to 1995.	\$20.00	
California Cooperative Occupational Information System (CCOIS) Products		
California Occupational Guide Wage Supplement 1998 County wage data covering years 1995-1997.	\$21.00	
Enhanced State Training Inventory (CD ROM) (IBM and MAC versions available upon request, call (916) 262-2162 for price) Provides information to assist state and local employment and training personnel and local employers to identify available training resources. The electronic database contains information on local schools and colleges, including name, address, phone numbers, fax numbers, and the educational and training programs offered.	\$40.00	
CCOIS Occupational Outlook Reports (see attachment 1 for individual item numbers)	\$20.00	
CCOIS Occupational Outlook Reports on diskette (IBM, MAC - see attachment 1 for individual item numbers)	\$15.00	

Local occupational information such as wages, experience, training, labor supply and demand. And expected growth in selected occupations.

Call (916) 262-2162 for county availability prior to ordering.

Item Description	Item Cost*	Subscription Cost (yearly)
Occupational Summaries For California 1995-1997	\$50.00	
Statewide occupational data compiled from over 33,000 California employers, representing approximately 615,000 jobs statewide. Includes job titles, descriptions, wages, benefits, education, training experience, labor supply and demand, etc.		
Occupational Summaries for EDD's Labor Market Information Division - 5 Regions	\$150.00	
Local occupational data compiled for local regions and includes job titles, descriptions, wages, benefits, education, training, experience, supply/demand, etc.		
Northern Region - 1995-1997	\$35.00	
Alpine, Amador, Butte, Colusa, Del Norte, El Dorado, Glenn, Humboldt, Lake, Lassen, Mendocino, Modoc, Nevada, Placer, Plumas, Sacramento, San Joaquin, Shasta, Sierra, Siskiyou, Sutter, Tehama, Trinity, Yolo and Yuba Counties		
Central Coast Region - 1995-1997	\$35.00	
Alameda, Contra Costa, Marin, Monterey, Napa, San Benito, San Francisco, San Mateo, Santa Clara, Santa Cruz, Solano and Sonoma Counties		
Central Valley Region - 1995-1997	\$35.00	
Calaveras, Fresno, Inyo, Kern, Kings, Madera, Mariposa, Merced, Mono, San Luis Obispo, Santa Barbara, Stanislaus, Tulare, Tuolumne and Ventura Counties		
Los Angeles Region - 1995-1997	\$35.00	
Los Angeles County		
Southern Region - 1995-1997	\$35.00	
Imperial, Orange, Riverside, San Bernardino and San Diego Counties		
Occupational Summaries for School-to-Career - 12 Regions	\$350.00	
Local occupational information compiled by School-to-Career Regions. Includes summaries from occupations found in the local area, e.g., job titles, descriptions, wages, benefits, education, training, experience, labor supply and demand, etc.		
Region 1 - 1995-1997	\$35.00	
Del Norte, Humboldt, Lake, Mendocino and Sonoma Counties		
Region 2 - 1995-1997	\$35.00	
Butte, Glenn, Lassen, Modoc, Plumas, Shasta, Siskiyou, Tehama and Trinity Counties		
Region 3 - 1995-1997	\$35.00	
Alpine, Colusa, El Dorado, Nevada, Placer, Sacramento, Sierra, Sutter, Yolo and Yuba Counties		
Region 4 - 1995-1997	\$35.00	
Alameda, Contra Costa, Marin, Napa, San Francisco, San Mateo and Solano Counties		
Region 5 - 1995-1997	\$35.00	
Monterey, San Benito, Santa Clara and Santa Cruz Counties		
Region 6 - 1995-1997	\$35.00	
Amador, Calaveras, San Joaquin, Stanislaus and Tuolumne Counties		
Region 7 - 1995-1997	\$35.00	
Fresno, Kings, Madera, Mariposa, Merced and Tulare Counties		
Region 8A - 1995-1997	\$35.00	
Los Angeles County		
Region 8B - 1995-1997	\$35.00	
Kern, San Luis Obispo, Santa Barbara and Ventura Counties		
Region 9A - 1995-1997	\$35.00	
Imperial and San Diego Counties		
Region 9B - 1995-1997	\$35.00	
Orange County		
Region 10 - 1995-1997	\$35.00	
Inyo, Mono, Riverside and San Bernardino Counties		

☐ - Information accessible on the Internet web site <http://www.calmis.ca.gov>

NA - Not Available—monthly subscription only (free sample upon request)

NC - No Charge

* - Prices include sales tax and shipping/handling

DICTIONARY OF OCCUPATIONAL TITLES (DOT)

The DOT is a comprehensive and standardized occupational coding system. The fourth edition, revised in 1991, is 1,400 pages in length compiled into two volumes. The occupational definitions are arranged by nine-digit DOT codes in an Occupational Group Arrangement section. The definitions include the major task elements of the job, task variables, alternate job titles, industry designation, and related occupations.

The DOT was originally developed for use by the U. S. Employment Service in matching qualified job applicants with suitable jobs. Since then, its use has expanded to various users for employment counseling, occupational and career guidance, and labor market information services.

Suggestions for Users

The DOT contains three complete indices of the coded titles. Locating a particular occupation can be relatively simple if the user knows the occupational title, the DOT code, or the industry in which the job occurs. The DOT is a complex volume with many uses. To become familiar with its contents, the user should consult the Introduction and the Appendix which go into great detail on "how to" use the DOT.

Job definitions in the DOT are composed of many jobs and cannot be expected to agree exactly in content with an individual position in a specific firm. In addition, employers sometimes combine jobs based on plant size or employee skills; thus, a worker's job may be covered by two or more DOT definitions.

The DOT may be purchased from the Superintendent of Documents, the Bureau of Labor Statistics, or the U. S. Government Bookstore in Los Angeles or San Francisco.

Conversion to O*NET

Changes in occupational content and job characteristics due to technological advancements continue to occur at a rapid pace. This rapid change to occupations coupled with user demand for the most current information possible has resulted in the need for a system that more closely reflects the changing world of work. O*NET, the Occupational Information Network, captures those changes in terms that accurately reflect today's workplace and workforce. O*NET 98 is available to the public at this time and the Department of Labor (DOL) anticipates that the next version of O*NET will replace the DOT.

O*NET THE OCCUPATIONAL INFORMATION NETWORK

In December, 1998, the Employment and Training Administration (ETA), US Department of Labor (DOL), released the first public version of O*NET, known as O*NET 98. This is a transitional product, to prepare for O*NET in the 21st century. The ETA expects the next version of O*NET will formally replace the DOT.

The DOT first defined the workplace over sixty years ago, and significant changes have taken place since that tool was developed. O*NET captures those changes and uses terms that accurately reflect today's workplace and workforce. A relational database houses the comprehensive information in O*NET – information about job requirements and worker competencies. O*NET supplies users with current information vital to the training, education, counseling and employment of workers.

The gathering and classification of information was done with many different users in mind, including human resource personnel, industry analysts, students, rehabilitation counselors, workforce researchers, managers, displaced workers and more. Therefore, O*NET features are many, including:

- *Data describing over 1,100 occupations that connect to the Occupational Employment Survey.*
- *The capability to locate occupations through skill requirements or key words.*
- *Electronic links that match O*NET occupational titles to eight other classification systems.*
- *Labor market information from BLS (Bureau of Labor Statistics) on employment levels, occupational outlook and wages.*

- *"Occupational Profiles" giving a short overview of the most important data descriptions for each occupation.*

The information currently available through O*NET was developed by job analysts; however, workers and employers themselves, describing what they do and the necessary skills, will contribute to future data.

The U.S. Department of Labor's Employment and Training Administration looked to both public and private entities in the development of O*NET. State-based Occupational Analysis Field Centers and Assessment Research and Development Program Centers provided regional support. Private sector firms are also assisting with the implementation of the project.

If it is to be current, comprehensive and inclusive, the O*NET System will require a continuous process of database building. DOL welcomes the participation of employers or representatives of organizations that can contribute occupational information. The massive and growing O*NET data collection and database will be maintained by the newly established National O*NET Consortium.

For further information contact O*NET:

O*NET Project
DOL Office of Policy and Research/ETA/O*NET
200 Constitution Ave., NW, MS N5637
Washington, DC 20210

Phone (202) 219-7161
FAX (202) 219-9186
E-mail O*NET@doleta.gov
Web site <http://www.doleta.gov/programs/onet/>

STANDARD OCCUPATIONAL CLASSIFICATION (SOC)

The *Standard Occupational Classification* (SOC) system will be used by U.S. government agencies to classify workers into occupational categories for the purpose of collecting, calculating, or disseminating data.

- The SOC will consist of 810 unique occupations, each with its own SOC code number, title, and definition.
- The 810 occupations are combined with other occupations requiring similar skills or background
- The classification system presented here is in the final stages of a revision process.
- Government agencies that collect or publish data by occupation will begin using the SOC system over the next few years.

General Characteristics of the Revised SOC

In the proposed revision of the SOC, there are four levels of aggregation:

- 1) *major group*;
- 2) *minor group*;
- 3) *broad occupation*;
- 4) *detailed occupation*.

All occupations are clustered into 23 *major groups*, such as Management or Healthcare Practitioner and Technical occupations. These Major groups are broken down into occupationally-specific *minor groups*, such as Operations Specialties Managers in the Management Occupations

major group or Health Diagnosing and Treating Practitioners in the Healthcare Practitioner and Technical Occupations major group. Minor groups, in turn, are divided into *broad occupations*, such as Human Resources Managers or Therapists, which are further divided into *detailed occupations*, such as Compensation and Benefits Managers, or Physical Therapists.

All Federal agencies that collect occupational data will use the new system; similarly, all State and local government agencies are strongly encouraged to use this national system to promote a common language for categorizing occupations in the world of work. The new SOC system will replace the *Occupational Employment Statistics* (OES) occupational classification system currently used by the Bureau of Labor Statistics (BLS) for gathering occupational information. It will also replace the Bureau of the Census' 1990 occupational classification system and will be used for the 2000 Census. In addition, the new SOC will serve as the framework for information being gathered through the Department of Labor's *Occupational Information Network* (O*NET), which is in the process of replacing the *Dictionary of Occupational Titles* (DOT).

Additional information and updated revision plans are available at the BLS Internet site:

<http://stats.bls.gov/soc>

Labor Market Information Division, Employment Development Department, California, will begin using the SOC in the 1999/2000 OES survey.

JOB SERVICES FOR EMPLOYERS AND JOB SEEKERS

The Employment Development Department (EDD) is the largest source of personnel recruitment in California. There is no fee to employers or job seekers. Employers may wish to place a job order with EDD or ask about other available services. Job seekers may wish to complete an application to be matched against employer job orders or to request other assistance in finding a job or training.

California's **Job Service** is one of the world's largest public employment service operations. With over 130 service points throughout the state, this Employment Development Department (EDD) program serves the state's 850,000 and about one million job seekers who register for services each year.

The EDD's Job Service offers a variety of services that bring employers with job openings together with qualified job seekers.

CalJOBS is an Internet-based job opening and resume listing system that increases the public's access to employment services. Special features of **CalJOBS** include:

- No fees
- Wide variety of job listings and job seekers
- Easy access:

<http://www.caljobs.ca.gov>

Employer Advisory Councils work closely with Job Service to sponsor employer seminars, job fairs and other events which provide information and guidance for job seekers and local business.

Agricultural Services. California's multi-billion-dollar agriculture industry and farmworkers have access to the automated job listing service. This is a vital link between growers and permanent/seasonal workers.

Services to Job Seekers

- Job search workshops
- Referral to training or educational facilities and social service agencies
- Special assistance to unemployment insurance clients, veterans, persons with disabilities, youth, welfare recipients, and migrant and seasonal farmworkers.

Services to Employers

- Re-employment services for dislocated workers.
- Current labor market information.
- Focused recruitment campaigns.

If you are interested in any of the above services, or would like information about the location of the Job Service office nearest you, contact the call center listed below.

Bay Area	510-374-7500
Los Angeles	213-993-4600
Orange	714-978-7421
Riverside	909-782-3211
Sacramento	916-574-2100
San Diego	619-336-5549

California's Labor Market and Occupational Information is only a click away...

Use your computer to view and/or download important economic data directly from us -- **24 hours a day, seven days a week!**

Via the Internet: <http://www.calmis.ca.gov>

Data Available On-line:

Agriculture: Statewide and county employment and earnings data for selected crops and industries.

Demographics: Statewide and county census data, population tables, income statistics, and data for non-discrimination programs.

Industry: Current and historical employment data, projections of employment, hours and earnings, and size of firm data.

Labor Force: Monthly, historical, and annual average labor force data by county, MSA, and statewide; labor market conditions in California, and employment characteristics.

Resources: Contact lists for area consultants, local partners for the California Cooperative Occupational Information System (CCOIS), publications available, and resources for additional data.

Occupations: Projections of employment by occupation, the California License Handbook, the California Occupational Guides, the Occupational Guide Wage Supplement and the Occupational Outlook Reports.

Publications and Information: Publications Desk (916) 262-2162

Internet Assistance: (916) 262-2213 or (916) 262-2340

Related Websites

Local Government

CA local government agencies

http://www.ceres.ca.gov/geo_area/counties

Sacramento Area Commerce and Trade Organization

<http://www.sactoedc.org>

State Government

California's Home Page – Links to all state government agencies

<http://www.ca.gov>

EDD Home Page

<http://www.edd.ca.gov>

California Occupational Information Coordinating Committee (COICC)

COICC is an interagency committee created to promote the development and use of occupational and career information.

<http://www.soicc.ca.gov>

California Dept. of Finance (DOF)

DOF provides demographic information, population estimates, and cost of living information.

<http://www.dof.ca.gov>

California One-Stop Career Centers

<http://www.sjtcc.ca.gov/sjtccweb/one-stop>

California's Job Bank

<http://www.caljobs.ca.gov>

Dept. Of Industrial Relations (DIR)

Worker's Comp., labor law, and statistics.

<http://www.dir.ca.gov>

Federal Government

Federal Department of Labor, Bureau of Labor Statistics

<http://stats.bls.gov>

Bureau of the Census

[http:// www.census.gov](http://www.census.gov)

Library of Congress

<http://lcweb.loc.gov>

America's Job Bank

<http://www.ajb.dni.us>

Projections & Planning Information

Module B:

Labor Force

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Module B: Labor Force

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Labor Force

Labor force statistics are derived from the monthly Current Population Survey (CPS) conducted by the Bureau of Census for the Bureau of Labor Statistics (BLS). This monthly survey collects demographic data including employment and unemployment status for all states. The CPS sample consists of over 60,000 households nationwide with over 4,600 households in California. These data represent counts of individuals by place of residence rather than a count of jobs.

County-level labor force data, with the exception of Los Angeles county, are derived using a variety of information including CPS information, Wage and Salary Employment, and unemployment claims data for local areas.

Civilian Labor Force includes all non-institutional civilians, 16 years of age and older, who are working or looking for work: the sum of employed and unemployed.

Civilian Employment includes all individuals who are working, either for a wage or salary, self-employed, working at least one hour for pay or profit each week, or working at least 15 unpaid hours in a family business. Those who are on vacation, other kinds of leave, or involved in a labor dispute, are also counted as employed (whether or not they were paid for the time off).

Civilian Unemployment includes those individuals who are not working but are able, available and looking for work.

Unemployment Rate is the number of unemployed individuals expressed as a percentage of the civilian labor force.

Suggestions for Users

Regular users of labor force data include grant writers, economic development professionals, government agencies and local social service agencies. This section also provides suggestions for the first time user, the job hunter and the occasional user.

- County labor force data are not seasonally adjusted. It is important to request "not seasonally

adjusted" labor force data for the state and the nation to make a valid comparison.

- The employment and unemployment figures tend to vary from month to month for many reasons. As a result, the annual average figures, over time, tend to be a better estimate of the labor force trends within the area.
- The unemployment rate may not reflect the economic conditions in all areas of the county. The labor market can vary greatly in different industries, in different occupations, and in different parts of the county.
- Month-to-month labor force data are a useful indicator of seasonal changes in an area, such as outdoor activities (i.e. construction), holiday hiring, school schedules and agricultural patterns.
- California labor force data for years prior to 1990 are not directly comparable with data for 1990 and later years due to the introduction of the 1990 Census population controls.

Additional Sources of Information:

- Bureau of Labor Statistics, Occupational Outlook Handbook
- California Association for Local Economic Development (CALED)
- Local Chambers of Commerce
- Local Economic Development Organizations
- Newspapers

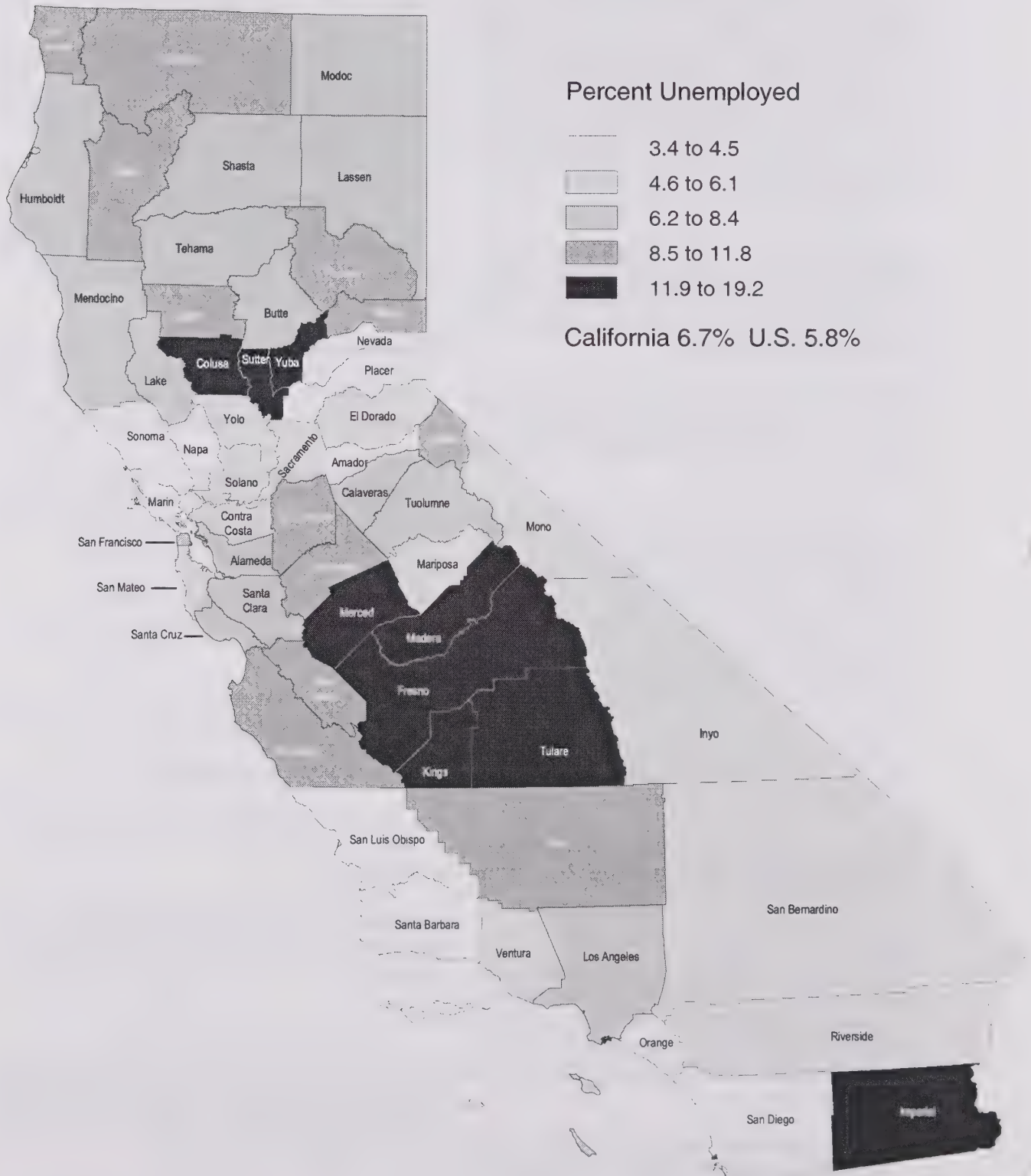
Electronic access to data is available through the Employment Development Department's Internet address at:

www.calmis.ca.gov

Please call **(916) 262-2162** for additional information or technical assistance, to obtain current monthly data, or contact information for local labor market consultants.

County Unemployment Rates

2002 Annual Averages



United States, California and Counties
Unemployment Rates
2001, 2002 Annual Averages*

	2001	2002		2001	2002
U.S.	4.7	5.8			
CALIFORNIA	5.4	6.7			
Alameda	4.6	6.8	Orange	3.0	4.1
Alpine	9.6	9.8	Placer	3.5	4.5
Amador	3.9	4.4	Plumas	8.5	9.0
Butte	7.1	7.7	Riverside	5.2	6.1
Calaveras	6.0	7.0	Sacramento	4.2	5.4
Colusa	15.6	16.4	San Benito	8.4	10.0
Contra Costa	3.3	5.2	San Bernardino	4.8	5.7
Del Norte	8.8	9.3	San Diego	3.2	4.3
El Dorado	4.0	5.0	San Francisco	5.2	7.3
Fresno	13.8	14.4	San Joaquin	8.8	10.1
Glenn	9.6	10.2	San Luis Obispo	2.8	3.4
Humboldt	6.0	6.5	San Mateo	2.9	5.0
Imperial	21.8	19.2	Santa Barbara	3.5	4.2
Inyo	4.9	5.9	Santa Clara	4.6	8.4
Kern	10.7	11.8	Santa Cruz	6.2	8.0
Kings	13.7	14.6	Shasta	6.8	7.4
Lake	7.3	8.4	Sierra	9.7	11.4
Lassen	6.7	6.7	Siskiyou	9.4	9.8
Los Angeles	5.7	6.8	Solano	4.1	5.5
Madera	12.2	12.7	Sonoma	3.0	4.5
Marin	2.5	3.9	Stanislaus	10.3	11.4
Mariposa	5.6	5.8	Sutter	12.4	13.6
Mendocino	6.7	7.2	Tehama	6.4	6.8
Merced	14.1	14.4	Trinity	9.9	9.7
Modoc	6.1	6.7	Tulare	15.5	15.5
Mono	5.3	5.6	Tuolumne	5.6	6.4
Monterey	9.4	10.5	Ventura	4.6	5.4
Napa	3.2	4.3	Yolo	4.3	5.0
Nevada	3.6	4.5	Yuba	12.1	13.3

*March 2002 Benchmark figures.

Tuolumne County
Civilian Labor Force, Employment and Unemployment
 (2002 Benchmark)
 Annual Averages 1990–2002

	Labor Force	Employment	Unemployment	Rate
2002	21,730	20,350	1,380	6.4%
2001	21,410	20,210	1,200	5.6%
2000	20,480	19,240	1,240	6.1%
1999	19,960	18,660	1,300	6.5%
1998	19,660	18,090	1,570	8.0%
1997	19,840	18,120	1,720	8.7%
1996	19,590	17,620	1,970	10.1%
1995	20,280	18,070	2,210	10.9%
1994	21,200	18,870	2,330	11.0%
1993	20,690	18,250	2,440	11.8%
1992	20,830	18,490	2,340	11.2%
1991	20,020	18,300	1,720	8.6%
1990	19,950	18,610	1,340	6.7%

Notes:

- (1) The unemployment rate is calculated using unrounded data.
- (2) Due to the introduction of the 1990 census population figures, the data for years prior to 1990 are not comparable with data for 1990 and later years.

Effective with the release of January 2003 data in February 2003, labor force data for all areas have been revised back to January 2000. This revision is the result of incorporation of the 2000 Census population controls at the State level and changes in methodology. Therefore, data for years prior to 2000 are not comparable with data for 2000 and later years.

Tuolumne County
Civilian Labor Force, Employment and Unemployment
(2002 Benchmark)

	Labor Force	Employment	Unemployment	Rate
2002 January	21,580	19,870	1,700	7.9%
February	21,730	20,100	1,630	7.5%
March	21,750	20,120	1,620	7.5%
April	21,300	19,840	1,460	6.8%
May	21,470	20,240	1,230	5.7%
June	21,770	20,520	1,250	5.7%
July	22,280	21,000	1,280	5.7%
August	22,180	20,960	1,220	5.5%
September	21,710	20,540	1,170	5.4%
October	21,750	20,540	1,210	5.6%
November	21,840	20,460	1,380	6.3%
December	21,450	20,000	1,460	6.8%
Annual Average	21,730	20,350	1,380	6.4%
2001 January	20,620	19,070	1,550	7.5%
February	20,680	19,130	1,550	7.5%
March	21,070	19,640	1,430	6.8%
April	20,920	19,670	1,250	6.0%
May	21,230	20,210	1,020	4.8%
June	21,600	20,560	1,040	4.8%
July	22,200	21,160	1,050	4.7%
August	22,000	21,020	980	4.4%
September	21,640	20,650	990	4.6%
October	21,560	20,530	1,030	4.8%
November	21,810	20,590	1,220	5.6%
December	21,680	20,350	1,340	6.2%
Annual Average	21,410	20,210	1,200	5.6%
2000 January	19,560	17,890	1,670	8.5%
February	20,070	18,430	1,640	8.2%
March	20,480	18,870	1,610	7.9%
April	20,130	18,780	1,340	6.7%
May	20,130	18,920	1,210	6.0%
June	20,670	19,470	1,210	5.8%
July	20,940	19,850	1,090	5.2%
August	20,960	20,040	930	4.4%
September	20,680	19,770	910	4.4%
October	20,580	19,650	930	4.5%
November	20,940	19,800	1,150	5.5%
December	20,580	19,410	1,170	5.7%
Annual Average	20,480	19,240	1,240	6.1%

Tuolumne County
Civilian Labor Force, Employment and Unemployment
(2002 Benchmark)

1999	January	19,870	18,140	1,730	8.7%
	February	20,050	18,200	1,860	9.3%
	March	19,940	18,250	1,690	8.5%
	April	19,390	17,930	1,460	7.5%
	May	19,770	18,590	1,180	6.0%
	June	20,410	19,210	1,200	5.9%
	July	20,300	19,140	1,160	5.7%
	August	20,260	19,250	1,010	5.0%
	September	19,860	18,890	970	4.9%
	October	19,540	18,540	1,000	5.1%
	November	20,410	19,310	1,100	5.4%
	December	19,820	18,530	1,290	6.5%
	Annual Average	19,960	18,660	1,300	6.5%
1998	January	20,050	17,840	2,210	11.0%
	February	20,000	17,820	2,180	10.9%
	March	19,860	17,990	1,870	9.4%
	April	19,170	17,480	1,690	8.8%
	May	19,160	17,610	1,550	8.1%
	June	19,710	18,270	1,430	7.3%
	July	19,930	18,510	1,410	7.1%
	August	19,710	18,480	1,230	6.2%
	September	19,440	18,220	1,220	6.3%
	October	19,440	18,230	1,220	6.3%
	November	19,830	18,480	1,350	6.8%
	December	19,650	18,200	1,450	7.4%
	Annual Average	19,660	18,090	1,570	8.0%
1997	January	19,740	17,520	2,210	11.2%
	February	19,920	17,780	2,140	10.8%
	March	19,900	17,990	1,910	9.6%
	April	19,540	17,660	1,890	9.6%
	May	19,710	18,110	1,600	8.1%
	June	20,130	18,460	1,670	8.3%
	July	20,000	18,370	1,630	8.1%
	August	20,050	18,620	1,440	7.2%
	September	19,740	18,280	1,450	7.4%
	October	19,920	18,470	1,450	7.3%
	November	19,710	18,150	1,560	7.9%
	December	19,750	18,070	1,680	8.5%
	Annual Average	19,840	18,120	1,720	8.7%

Tuolumne County
Civilian Labor Force, Employment and Unemployment
(2002 Benchmark)

1996	January	19,010	16,290	2,720	14.3%
	February	19,340	16,720	2,620	13.5%
	March	19,230	16,890	2,330	12.1%
	April	19,330	17,200	2,140	11.0%
	May	19,660	17,750	1,920	9.7%
	June	20,180	18,280	1,900	9.4%
	July	20,280	18,410	1,880	9.3%
	August	20,160	18,530	1,630	8.1%
	September	19,630	18,030	1,600	8.1%
	October	19,440	17,900	1,550	8.0%
	November	19,550	17,930	1,620	8.3%
	December	19,300	17,510	1,790	9.3%
	Annual Average	19,590	17,620	1,970	10.1%
1995	January	20,560	17,850	2,710	13.2%
	February	20,310	17,780	2,530	12.4%
	March	20,270	17,790	2,480	12.2%
	April	20,340	17,950	2,390	11.8%
	May	20,480	18,080	2,400	11.7%
	June	20,860	18,730	2,130	10.2%
	July	20,820	18,770	2,050	9.9%
	August	20,530	18,740	1,790	8.7%
	September	20,200	18,230	1,970	9.8%
	October	19,980	17,930	2,050	10.2%
	November	19,620	17,610	2,010	10.2%
	December	19,500	17,430	2,070	10.6%
	Annual Average	20,280	18,070	2,210	10.9%
1994	January	20,840	18,130	2,710	13.0%
	February	21,210	18,340	2,870	13.5%
	March	20,970	18,350	2,620	12.5%
	April	20,770	18,260	2,510	12.1%
	May	21,330	19,020	2,310	10.8%
	June	21,720	19,460	2,260	10.4%
	July	21,990	19,670	2,320	10.5%
	August	21,700	19,580	2,120	9.8%
	September	21,030	19,000	2,030	9.6%
	October	20,910	18,940	1,970	9.4%
	November	21,180	19,100	2,080	9.8%
	December	20,790	18,640	2,150	10.3%
	Annual Average	21,200	18,870	2,330	11.0%

Tuolumne County
Civilian Labor Force, Employment and Unemployment
(2002 Benchmark)

1993	January	20,670	17,520	3,150	15.2%
	February	20,680	17,560	3,120	15.1%
	March	20,470	17,660	2,810	13.7%
	April	20,210	17,700	2,510	12.4%
	May	20,450	18,100	2,350	11.5%
	June	20,980	18,580	2,400	11.4%
	July	21,260	18,880	2,380	11.2%
	August	20,900	18,820	2,080	10.0%
	September	20,740	18,710	2,030	9.8%
	October	20,440	18,400	2,040	10.0%
	November	20,770	18,690	2,080	10.0%
	December	20,660	18,390	2,270	11.0%
	Annual Average	20,690	18,250	2,440	11.8%
1992	January	20,460	18,110	2,350	11.5%
	February	20,520	17,880	2,640	12.8%
	March	20,410	17,840	2,570	12.6%
	April	20,400	17,910	2,490	12.2%
	May	20,410	18,150	2,260	11.1%
	June	20,910	18,630	2,280	10.9%
	July	21,610	19,390	2,220	10.3%
	August	21,370	19,250	2,120	9.9%
	September	20,990	18,910	2,080	9.9%
	October	20,740	18,610	2,130	10.3%
	November	21,050	18,770	2,280	10.8%
	December	21,050	18,400	2,650	12.6%
	Annual Average	20,830	18,490	2,340	11.2%
1991	January	19,870	17,800	2,070	10.4%
	February	19,680	17,540	2,140	10.9%
	March	19,980	17,850	2,130	10.7%
	April	19,970	18,010	1,960	9.8%
	May	19,610	17,980	1,630	8.3%
	June	20,000	18,420	1,580	7.9%
	July	20,400	18,910	1,490	7.3%
	August	20,550	19,170	1,380	6.7%
	September	20,160	18,790	1,370	6.8%
	October	20,110	18,620	1,490	7.4%
	November	20,230	18,650	1,580	7.8%
	December	19,700	17,920	1,780	9.1%
	Annual Average	20,020	18,300	1,720	8.6%

Tuolumne County
Civilian Labor Force, Employment and Unemployment
(2002 Benchmark)

1990 January	18,900	17,210	1,690	8.9%
February	19,070	17,370	1,690	8.9%
March	19,200	17,660	1,530	8.0%
April	19,530	18,030	1,500	7.7%
May	19,750	18,470	1,270	6.4%
June	20,630	19,450	1,180	5.7%
July	21,240	20,020	1,220	5.7%
August	21,170	20,160	1,010	4.8%
September	20,110	19,040	1,070	5.3%
October	20,020	18,940	1,090	5.4%
November	19,940	18,590	1,350	6.7%
December	19,810	18,400	1,410	7.1%
Annual Average	19,950	18,610	1,340	6.7%

Notes:

- (1) The unemployment rate is calculated using unrounded data.
- (2) Due to the introduction of the 1990 census population figures, the data for years prior to 1990 are not comparable with data for 1990 and later years.

Effective with the release of January 2003 data in February 2003, labor force data for all areas have been revised back to January 2000. This revision is the result of incorporation of the 2000 Census population controls at the State level and changes in methodology. Therefore, data for years prior to 2000 are not comparable with data for 2000 and later years.

Projections & Planning Information

Module C:

Wage & Salary Employment

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Module C: Wage and Salary

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Wage and Salary Employment

Industry employment data reflect jobs by “place of work” and by broad industry categories. The data do not include the self-employed, unpaid family workers or private household employees. Jobs located in a county or Metropolitan Statistical Area (MSA) that pay wages and salaries are counted, although workers may live outside the area. Jobs are counted regardless of the number of hours worked. Individuals who hold more than one job may be counted more than once.

Current Employment Statistics

These data are based on the Current Employment Statistics (CES) survey. The CES survey summarizes monthly employment, and hours and earnings data from a sample of California employers. This survey is also referred to as the establishment, or wage and salary employment survey. The estimates are revised in the following month as job information is received from additional employers. Final revisions to the statewide and local area data, referred to as “Benchmark data,” are made each March for the previous two years based on payroll tax reports submitted by California employers covered by the Unemployment Insurance program.

Classification

Formerly, industry employment data were coded using the Standard Industrial Classification (SIC) system. In 1998, California began to transition from SIC to the new North American Industry Classification System (NAICS).

NAICS is the product of a cooperative effort on the part of the statistical agencies of the United States, Canada, and Mexico. It uses a production-oriented approach to categorize economic units. Units with similar production processes are classified in the same industry. NAICS focuses on how products and services are created, as opposed to SIC which focuses on what is produced. Using NAICS yields significantly different industry groupings than those produced using SIC. Due to these differences, NAICS data will not be directly comparable to the SIC-based data for earlier years.

Many programs within EDD produce or use data by industry, but some of these programs have not

yet transitioned from SIC to NAICS. For example, while the official estimates of employment by industry (also known as the Current Employment Statistics or CES program) began publishing data by NAICS with the release of Benchmark and monthly average data in February of 2003, the projections of employment by industry and occupation will not incorporate NAICS codes until the release of the 2002–2012 data (anticipated release in late 2003 or early 2004).

Annual Average Data

Annual average data are derived by adding up the monthly data for each industry and dividing by twelve to determine an actual annual average. These annual average data may reflect major business openings, expansions, and closings. Or, these data may reflect trends affecting an entire industry such as economic conditions, structural and technological changes.

Users of Wage and Salary Data

Economic developers, firms considering relocation, government agencies, grant writers, universities and anyone preparing reports on employment use wage and salary employment information to identify local industry trends. People looking for work and those counseling or placing others may learn about prospects for employment in various industries. Anyone seeking background information may use the wage and salary industry employment tables to look at the county's economy as a whole; at one industry; and/or at related industries for a firm's suppliers or for potential markets.

Points to Consider

Monthly job estimates are not adjusted for seasonal changes in employment. It is important to keep in mind that month-to-month changes may be due to regular seasonal patterns in an industry. For instance, during the holiday shopping season, retail jobs increase and during the summer, there are more workers in the construction industry. On the other hand, changes may reflect new businesses, expansions, or closings. Comparison of monthly changes for the same period in prior years will provide a better understanding of whether the change is seasonal or atypical.

Monthly fluctuations in wage and salary employment are an essential part of the changes that occur in the dynamic economy of a county or region. It is important to study wage and salary employment data over time to evaluate the strength of the local economy.

Wage and salary employment data identify which industries have the largest number of jobs. However, an industry with a large number of workers may not necessarily be expanding; it may even be downsizing, while new and expanding industries may not have large numbers of existing jobs but are a good source for new job opportunities.

Annual average data, over time, tend to be a better indicator of employment trends for the various industries in an area.

Additional Sources of Information

You may consult the labor force and industry and occupational projections modules of this report for more information on economic conditions in the county. Or, you may speak with the Labor Market Information Division's (LMID) area consultants located throughout the state who are knowledgeable about the economic activities within their local areas. Other sources of information include:

- U. S. Bureau of Labor Statistics
- Local Chambers of Commerce
- Local Economic Development Organizations
- Local Newspapers
- Universities and Colleges

Automated Access

Access to current data is available through the Employment Development Department's Internet address at:

www.calmis.ca.gov

For technical assistance or additional information about the Employment Development Department's website, please call (916) 262-2162. To obtain contact information for local labor market consultants or to obtain current monthly data, customers may also call (916) 262-2162, or FAX (916) 262-2443.

Tuolumne County
Wage and Salary Employment by Industry
(Data Not Seasonally Adjusted)
2000–2002 Annual Averages*

Industry Title	2000	2001	2002
Total Wage and Salary	15,950	16,730	16,680
Total Farm	180	200	220
Total Nonfarm	15,760	16,530	16,460
Total Private	11,230	11,810	11,760
Goods Producing	2,250	2,450	2,380
Natural Resources and Mining	200	200	200
Construction	920	1,100	1,150
Manufacturing	1,130	1,150	1,030
Durable Goods	890	940	830
Wood Product Manufacturing	320	340	340
Residual-Miscellaneous Manufacturing	570	610	490
Nondurable Goods	240	210	210
Food Man & Beverage & Tobacco	140	140	150
Residual-Textile Mills	100	70	60
Service Providing	13,510	14,080	14,080
Trade, Transportation and Utilities	2,840	2,700	2,880
Wholesale Trade	150	160	170
Retail Trade	2,490	2,300	2,410
Food and Beverage Stores	560	530	530
Residual-Miscellaneous Store Retailers	1,930	1,760	1,880
Transportation, Warehousing and Utilities	200	240	300
Information	230	240	230
Financial Activities	550	550	500
Professional and Business Services	890	1,100	990
Educational and Health Services	1,700	1,800	1,900
Leisure and Hospitality	2,130	2,240	2,250
Arts, Entertainment, and Recreation	450	500	520
Accommodation and Food Service	1,690	1,740	1,730
Accommodation	360	370	380
Food Services and Drinking Places	1,330	1,360	1,350
Other Services	630	740	640
Government	4,540	4,720	4,700
Federal Government	370	360	370
State and Local Government	4,170	4,360	4,330
State Government	1,110	1,120	1,130
Local Government	3,060	3,240	3,210

*March 2002 Benchmark figures.

Tuolumne County
Wage and Salary Employment by Industry
(Data Not Seasonally Adjusted)
Monthly January–December 2000*

Industry Title	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Avg
Total Wage and Salary	14,750	15,250	15,590	15,440	15,770	16,320	16,360	16,520	16,470	16,250	16,450	16,210	15,950
Total Farm	150	150	160	160	180	200	200	200	200	200	210	200	180
Total Nonfarm	14,600	15,100	15,430	15,280	15,590	16,120	16,160	16,320	16,270	16,050	16,240	16,010	15,760
Total Private	10,320	10,730	10,930	10,650	10,990	11,440	11,570	11,730	11,730	11,440	11,670	11,510	11,230
Goods Producing	1,960	1,960	2,010	2,050	2,200	2,310	2,380	2,420	2,460	2,480	2,430	2,360	2,250
Natural Resources and Mining	140	140	140	140	230	240	250	250	250	230	210	180	200
Construction	760	740	770	820	860	950	980	1,010	1,040	1,060	1,040	1,010	920
Manufacturing	1,060	1,080	1,100	1,090	1,110	1,120	1,150	1,160	1,170	1,190	1,180	1,170	1,130
Durable Goods	830	840	850	850	870	880	920	920	920	940	940	940	890
Wood Product Manufacturing	300	300	310	310	320	320	330	340	350	340	340	330	320
Residual-Miscellaneous Manufacturing	530	540	540	540	550	560	590	580	570	600	600	610	570
Nondurable Goods	230	240	250	240	240	240	230	240	250	250	240	230	240
Food Man & Beverage & Tobacco	140	140	150	140	140	140	140	140	140	140	140	140	140
Residual-Textile Mills	90	100	100	100	100	100	90	100	110	110	100	90	100
Service Providing	12,640	13,140	13,420	13,230	13,390	13,810	13,780	13,900	13,810	13,570	13,810	13,650	13,510
Trade, Transportation and Utilities	2,850	2,770	2,740	2,760	2,790	2,890	2,830	2,880	2,940	2,930	2,910	2,810	2,840
Wholesale Trade	160	150	140	150	150	150	140	150	160	160	160	160	150
Retail Trade	2,540	2,460	2,440	2,440	2,450	2,550	2,490	2,510	2,550	2,540	2,500	2,410	2,490
Food and Beverage Stores	550	550	550	550	570	580	560	550	550	550	570	550	560
Residual-Miscellaneous Store Retailers	1,990	1,910	1,890	1,890	1,880	1,970	1,930	1,960	2,000	1,990	1,930	1,860	1,930
Transportation, Warehousing and Utilities	150	160	160	170	190	190	200	220	230	230	250	240	200
Information	230	230	240	210	220	220	220	230	230	220	230	230	230
Financial Activities	520	530	540	540	550	570	580	570	560	540	550	550	550
Professional and Business Services	830	840	880	880	890	900	900	930	910	910	920	940	890
Educational and Health Services	1,640	1,660	1,670	1,630	1,660	1,690	1,710	1,730	1,760	1,710	1,740	1,760	1,700
Leisure and Hospitality	1,740	2,170	2,250	1,990	2,090	2,190	2,270	2,270	2,180	2,000	2,230	2,200	2,130
Arts, Entertainment, and Recreation	250	660	720	310	320	360	400	380	340	310	650	640	480
Accommodation and Food Service	1,490	1,510	1,530	1,680	1,770	1,830	1,870	1,890	1,840	1,690	1,580	1,560	1,650
Accommodation	260	260	280	340	400	440	460	460	420	390	320	300	360
Food Services and Drinking Places	1,230	1,250	1,250	1,340	1,370	1,390	1,410	1,430	1,420	1,300	1,260	1,260	1,330
Other Services	550	570	600	590	590	670	680	700	690	650	660	660	630

*March 2002 Benchmark figures.

Tuolumne County
Wage and Salary Employment by Industry
(Data Not Seasonally Adjusted)
Monthly January–December 2000*

Industry Title	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Avg
Government	4,280	4,370	4,500	4,630	4,600	4,680	4,590	4,590	4,540	4,610	4,570	4,500	4,540
Federal Government	290	280	340	310	450	430	470	430	400	390	350	300	370
State and Local Government	3,990	4,090	4,160	4,320	4,150	4,250	4,120	4,160	4,140	4,220	4,220	4,200	4,170
State Government	1,070	1,070	1,080	1,080	1,120	1,140	1,140	1,140	1,150	1,130	1,110	1,100	1,110
Local Government	2,920	3,020	3,080	3,240	3,030	3,110	2,980	3,020	2,990	3,090	3,110	3,100	3,060

*March 2002 Benchmark figures.

Tuolumne County
Wage and Salary Employment by Industry
(Data Not Seasonally Adjusted)
Monthly January–December 2001*

Industry Title	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Avg
Total Wage and Salary	15,780	15,840	16,290	16,310	16,870	17,200	17,320	17,280	17,100	16,890	17,010	16,840	16,730
Total Farm	140	180	170	190	350	270	170	200	170	190	210	160	200
Total Nonfarm	15,640	15,660	16,120	16,120	16,520	16,930	17,150	17,080	16,930	16,700	16,800	16,680	16,530
Total Private	11,100	11,020	11,460	11,390	11,770	12,090	12,350	12,350	12,140	11,880	12,060	12,070	11,810
Goods Producing	2,280	2,300	2,320	2,320	2,460	2,550	2,630	2,640	2,570	2,480	2,440	2,410	2,450
Natural Resources and Mining	120	130	130	150	220	230	230	230	220	230	230	220	200
Construction	970	980	990	990	1,060	1,170	1,230	1,240	1,200	1,150	1,130	1,110	1,100
Manufacturing	1,190	1,190	1,200	1,180	1,180	1,150	1,170	1,170	1,150	1,100	1,080	1,080	1,150
Durable Goods	980	970	980	960	960	940	960	960	940	900	880	890	940
Wood Product Manufacturing	340	330	330	330	350	330	350	350	340	340	340	330	340
Residual-Miscellaneous Manufacturing	640	640	650	630	610	610	610	610	600	560	540	560	610
Nondurable Goods	210	220	220	220	220	210	210	210	210	200	200	190	210
Food Man & Beverage & Tobacco	120	130	130	130	140	140	150	140	150	140	140	130	140
Residual-Textile Mills	90	90	90	90	80	70	60	70	60	60	60	60	70
Service Providing	13,360	13,360	13,800	13,800	14,060	14,380	14,520	14,440	14,360	14,220	14,360	14,270	14,080
Trade, Transportation and Utilities	2,620	2,540	2,610	2,600	2,650	2,710	2,720	2,760	2,710	2,800	2,820	2,820	2,700
Wholesale Trade	160	150	160	160	160	170	170	180	170	160	160	160	160
Retail Trade	2,240	2,170	2,230	2,200	2,240	2,280	2,320	2,340	2,310	2,390	2,410	2,410	2,300
Food and Beverage Stores	520	510	520	510	520	530	530	540	550	550	550	550	530
Residual-Miscellaneous Store Retailers	1,720	1,660	1,710	1,690	1,720	1,750	1,790	1,800	1,760	1,840	1,860	1,860	1,760
Transportation, Warehousing and Utilities	220	220	220	240	250	260	230	240	230	250	250	250	240
Information	230	240	250	250	240	250	250	240	240	230	240	240	240
Financial Activities	510	510	510	540	560	570	570	570	570	560	550	530	550
Professional and Business Services	900	900	1,130	1,130	1,140	1,150	1,210	1,190	1,180	1,090	1,070	1,060	1,100
Educational and Health Services	1,780	1,750	1,760	1,800	1,790	1,820	1,780	1,780	1,810	1,840	1,860	1,840	1,800
Leisure and Hospitality	2,130	2,140	2,240	2,020	2,230	2,300	2,380	2,340	2,230	2,130	2,320	2,410	2,240
Arts, Entertainment, and Recreation	660	670	720	350	400	420	420	380	340	340	610	710	500
Accommodation and Food Service	1,470	1,470	1,520	1,670	1,830	1,880	1,960	1,960	1,890	1,790	1,710	1,700	1,740
Accommodation	280	270	290	370	450	470	480	480	420	360	310	300	370
Food Services and Drinking Places	1,190	1,200	1,230	1,300	1,380	1,410	1,480	1,480	1,470	1,430	1,400	1,400	1,360
Other Services	650	640	640	730	700	740	810	830	830	750	760	760	740

*March 2002 Benchmark figures.

Tuolumne County
Wage and Salary Employment by Industry
(Data Not Seasonally Adjusted)
Monthly January–December 2001*

Industry Title	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Avg
Government	4,540	4,640	4,660	4,730	4,750	4,840	4,800	4,730	4,790	4,820	4,740	4,610	4,720
Federal Government	290	290	290	300	330	400	450	440	430	430	400	310	360
State and Local Government	4,250	4,350	4,370	4,430	4,420	4,440	4,350	4,290	4,360	4,390	4,340	4,300	4,360
State Government	1,110	1,100	1,100	1,100	1,130	1,140	1,140	1,130	1,140	1,120	1,100	1,100	1,120
Local Government	3,140	3,250	3,270	3,330	3,290	3,300	3,210	3,160	3,220	3,270	3,240	3,200	3,240

*March 2002 Benchmark figures.

Tuolumne County
Wage and Salary Employment by Industry
(Data Not Seasonally Adjusted)
Monthly January–December 2002*

Industry Title	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Avg
Total Wage and Salary	16,210	16,470	16,520	16,240	16,660	16,990	17,040	17,120	16,900	16,770	16,800	16,440	16,680
Total Farm	190	220	260	200	180	190	170	220	210	260	310	220	220
Total Nonfarm	16,020	16,250	16,260	16,040	16,480	16,800	16,870	16,900	16,690	16,510	16,490	16,220	16,460
Total Private	11,460	11,550	11,620	11,340	11,670	11,970	12,110	12,240	11,990	11,790	11,810	11,610	11,780
Goods Producing	2,150	2,160	2,190	2,260	2,430	2,500	2,470	2,500	2,510	2,550	2,500	2,370	2,380
Natural Resources and Mining	150	150	150	160	230	230	210	230	240	240	230	180	200
Construction	980	990	1,010	1,030	1,100	1,200	1,220	1,250	1,260	1,290	1,270	1,180	1,150
Manufacturing	1,020	1,020	1,030	1,070	1,100	1,070	1,040	1,020	1,010	1,020	1,000	1,010	1,030
Durable Goods	810	810	810	840	850	850	830	830	820	830	810	820	830
Wood Product Manufacturing	310	310	330	340	350	350	340	350	340	340	340	350	340
Residual-Miscellaneous Manufacturing	500	500	480	500	500	500	490	480	480	490	470	470	490
Nondurable Goods	210	210	220	230	250	220	210	190	190	190	190	190	210
Food Man & Beverage & Tobacco	160	150	160	160	180	150	150	140	140	140	130	130	150
Residual-Textile Mills	50	60	60	70	70	70	60	50	50	50	60	60	60
Service Providing	13,870	14,090	14,070	13,780	14,050	14,300	14,400	14,400	14,180	13,960	13,990	13,850	14,080
Trade, Transportation and Utilities	2,730	2,760	2,760	2,780	2,840	2,920	2,890	2,940	2,910	2,980	3,010	2,980	2,880
Wholesale Trade	160	150	150	160	160	170	170	170	170	170	180	180	170
Retail Trade	2,350	2,350	2,360	2,330	2,370	2,420	2,400	2,430	2,400	2,480	2,500	2,470	2,410
Food and Beverage Stores	520	520	510	510	520	530	540	530	530	560	540	520	530
Residual-Miscellaneous Store Retailers	1,830	1,830	1,850	1,820	1,850	1,890	1,860	1,900	1,870	1,920	1,960	1,950	1,880
Transportation, Warehousing and Utilities	220	260	250	290	310	330	320	340	340	330	330	330	300
Information	220	220	220	220	220	230	230	230	220	230	230	240	230
Financial Activities	500	510	510	510	510	510	520	500	490	500	490	490	500
Professional and Business Services	910	940	960	990	980	1,020	1,040	1,050	1,050	920	1,000	1,020	990
Educational and Health Services	1,840	1,870	1,910	1,860	1,870	1,880	1,910	1,910	1,930	1,900	1,940	1,950	1,900
Leisure and Hospitality	2,390	2,370	2,340	2,080	2,170	2,220	2,360	2,430	2,240	2,160	2,140	2,070	2,250
Arts, Entertainment, and Recreation	800	760	700	440	470	450	470	450	420	380	430	410	520
Accommodation and Food Service	1,590	1,610	1,640	1,640	1,700	1,770	1,890	1,980	1,820	1,780	1,710	1,660	1,730
Accommodation	330	330	330	320	350	400	480	510	410	370	360	360	380
Food Services and Drinking Places	1,260	1,280	1,310	1,320	1,350	1,370	1,410	1,470	1,410	1,410	1,350	1,300	1,350
Other Services	720	720	730	640	650	690	690	680	640	550	500	490	640

*March 2002 Benchmark figures.

Tuolumne County
Wage and Salary Employment by Industry
(Data Not Seasonally Adjusted)
Monthly January–December 2002*

Industry Title	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Avg
Government	4,560	4,700	4,640	4,700	4,810	4,830	4,760	4,660	4,700	4,720	4,680	4,610	4,700
Federal Government	310	300	320	320	360	430	430	430	410	400	380	310	370
State and Local Government	4,250	4,400	4,320	4,380	4,450	4,400	4,330	4,230	4,290	4,320	4,300	4,300	4,330
State Government	1,090	1,100	1,100	1,100	1,130	1,140	1,150	1,160	1,160	1,140	1,120	1,110	1,130
Local Government	3,160	3,300	3,220	3,280	3,320	3,260	3,180	3,070	3,130	3,180	3,180	3,190	3,210

*March 2002 Benchmark figures.

Projections & Planning Information

Module D:

Projections

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INTRODUCTION

to Industry and Occupational Projections

Using Projections Data

The projections contained in these tables provide information for estimating job opportunities, developing training programs, and gaining an insight into future employment trends. However, before reaching any final conclusions, the user should consider the following:

Remember that these data are estimates. They were developed based on the assumption that historical trends will continue into the future. However, events may occur during the seven-year projection period that are impossible to predict. Events such as military base closures, major business closures or openings and natural disasters can all have a major impact on employment levels.

Do not use these projections as your sole source of information. Use other, more recent sources of local economic data to corroborate the projection data. This information may be found in other documents such as those published by the Employment Development Department's Labor Market Information Division, local chambers of commerce, or local economic development agencies.

Projections employment data are annual averages. These averages may not accurately portray seasonal occupations or industries such as those found in agriculture, retail sales, recreation, and construction.

Employment levels stated reflect workers who are covered by the Unemployment Insurance program. As a result, industries that are made up largely of individuals who are

self-employed will be understated. Examples include industries such as real estate, hair salons, and bookkeeping. Occupations such as dental hygienists and consultants will also show an understated level of employment.

Industry Projections

Projections by industry forecast the anticipated changes within an industry over time. Forecasts for each county are based on the county's past employment trends and are refined by a review of current economic developments within the local community. The effect of State-level economic trends are also considered.

Industry employment projections utilize industry employment data from both the Current Employment Statistics (CES) program, and the Employment Payroll (ES202) program. There is a certain amount of error built into both systems. These errors may include employers classified in the wrong industry, incorrect employment levels reported by the employer and employment reported in the wrong county.

If an industry shows a decrease in future employment, it may be that only one or two industry components are experiencing the decline and other components are still expected to hire new workers. It is best to investigate all sectors of the industry. For example, retail trade has several components: building materials and garden supplies; general merchandise stores; food stores, automotive dealers and service stations; and apparel and accessory stores, to name a few.

Geographical differences account for differing employment opportunities. If an individual is considering relocating from one area of the state to another, the size of the industry and its expected growth level need to be kept in mind. Small rural counties will not have the same employment possibilities as do the larger metropolitan areas.

Knowing Future Industry Trends:

- ✓ helps economic development professionals foster compatible growth and promote the county's strengths,
- ✓ helps local government agencies, non-profit agencies, researchers and other interested parties formulate plans and proposals,
- ✓ helps people looking for work and those doing counseling and/or job placement to learn about employment opportunities in various industries.

Occupational Projections

Projections by occupation estimate the changes in occupational employment over time resulting from two principal causes - growth and technology. Changes in the number, size and type of employers within a given geographical area will affect the demand for certain occupations. Also, technological advances or changes in laws or regulations may affect the occupational mix.

County occupational projections are prepared for all but the smaller counties which are grouped together to produce projections at the multicounty level.

General changes in the work place affect some occupations. Jobs may be created, eliminated or consolidated because of restructuring or regulations affecting the requirements for the job. For example, personal computers and word processing programs eliminated many typist jobs, but created a need for word processors.

An occupational title does not give details about the occupation. An individual starting a career search may want to look at the various occupations in this module, choose any that are of interest and then do further research on the occupation or occupations of choice.

There are other sources of information (listed below) about specific occupations and the details, such as skills and educational requirements, hourly earnings, benefits, working conditions and advancement opportunities.

Industry staffing patterns used for the projections process are developed from the annual OES Survey of employers. The survey utilizes a sample of the entire universe of Unemployment Insurance (UI) covered employers. Because it is a survey, it is important that the following points be considered:

- ✓ There is inherent statistical error as a result of both the sampling process and the level of employer response to the survey mailings.
- ✓ The OES staffing patterns may contain errors because of the problems employers may have in completing the survey. These errors typically include misunderstanding of survey instructions, misinterpretation of occupational definitions and/or titles contained on the forms, and clerical errors in filling out the forms.
- ✓ The employer's response to the survey may reflect conditions that are atypical. The employer may be experiencing a temporary shutdown, seasonal high or low employment, or a temporary increase in demand for his/her product or service.

Occupational projections data indicate the major local occupations and which occupations are likely to offer the greatest number of job opportunities. When possible, the user should focus on larger groups rather than specific occupations. Some occupations may not appear in published tables because of the

very small number of people employed in that area or because of confidentiality concerns.

Although an occupation may be stable and is not expected to grow, it does not mean that there are no opportunities for employment. All occupations have turnover opportunities - individuals change or leave their jobs permanently for varying reasons. High turnover, especially in occupations that require lower-skill levels, would mean that there are frequent openings even though there is little or no growth.

The occupational projections data are prepared for employment and training planners, vocational educators, and others who need information on future employment by occupation. The outlook information can be used in making occupational training decisions and career choices. Employers considering expansion or relocation may find the data helpful in understanding the occupational composition and trends in a county or geographic region.

Additional Sources of Information

For additional information on economic conditions in a particular county, you may contact the Labor Market Information Division's area consultants who are located in the community and are knowledgeable about the economic activities within the counties that they serve, and the local One Stop locations where additional publications on labor market information may be obtained. Other sources of information include:

- Wage And Salary Employment by Industry
- Bureau of Labor Statistics, Occupational Outlook Handbook
- California Occupational Guides
- Bureau of Labor Statistics, Dictionary of Occupational Titles

- California Association for Local Economic Development (CALED)
- Local Chambers of Commerce
- Local Economic Development Organizations
- Local Newspapers
- Standard Industrial Classification Manual

Automated Access

Electronic access to current data is available through the Employment Development Department's Internet address at:

<http://www.calmis.ca.gov>

For technical assistance or additional information about the Employment Development Department's Internet website, please call (916) 262-2162 and select option #2. Customers may also call (916) 262-2162 or FAX (916) 262-2443 to order other publications.

Description Of Industry and Occupational Tables

Employment includes nonagricultural wage and salary workers except for self-employed persons, unpaid family workers, private household workers, and those involved in labor-management trade disputes. For the Federal government sector, employment includes all civilian employees regardless of the activities in which they are engaged.

An **industry division** refers to a distinct group of private, public, or nonprofit enterprises engaged in producing goods or providing services. With the exception of government, industries are classified by the Standard Industrial Classification (SIC) system. Industries are grouped into ten major categories, according to the economic activity involved. The ten major categories or industry divisions are:

Agriculture, Forestry, and Fishing (SIC 01-09) includes establishments primarily engaged in agricultural production, forestry, commercial fishing, hunting and trapping, and related services.

Mining (SIC 10-14) includes all establishments involved in the extraction of minerals, crude petroleum, and natural gas. It includes quarrying, well operations, milling, and other related activities.

Construction (SIC 15-17) includes establishments engaged in contract construction. This includes new work, additions, alterations, and repairs performed by general and special trade contractors.

Manufacturing (SIC 20-39) includes establishments which are usually described as plants, factories, or mills that are engaged in producing or processing non-durable or durable goods. These characteristically use power-driven machines and material-handling equipment.

Transportation and Public Utilities (SIC 40-49) includes enterprises engaged in passenger and freight transportation by surface, water, and air and warehousing and other transportation services. It also includes the communications complex of telephone, telegraph, radio, and television; and the utilities providing gas, electric, and sanitary services.

Wholesale Trade (SIC 50-51) includes establishments involved in the selling of merchandise to retailers; to industrial, commercial, farm, construction contractors, or professional business users; or to other wholesalers.

Retail Trade (SIC 52-59) includes establishments involved in the selling of merchandise for personal or household consumption and rendering services incidental to the sale of goods.

Finance, Insurance, and Real Estate (SIC 60-67) includes banks, savings and loan institutions, and security and commodity brokerages, insurance agencies and carriers, real estate sales and management offices, and rental and planning agencies.

Services (SIC 70-89) includes establishments such as hotels, laundries, auto repair shops, theaters, legal services, advertising services, private schools and hospitals, and nonprofit organizations which are engaged in rendering a variety of services to individuals and businesses.

Government includes the legislative, judicial, administrative, and regulatory activities of federal, state, local and international governments. It also includes federal, state, and local government hospitals and education.

Industry Tables

Employment By Major Industry -Table 1

This table shows 1997 estimated employment and 2004 projected employment along with the percentage of total employment for each major industry division.

Employment By Industry - Table 2

This table shows employment and projected employment by industry. The number of jobs is estimated for 1997 and projected for 2004. The column entitled "SIC" lists the Standard Industrial Classification code for each industry grouping. The column labeled "Absolute Change" provides the projected change in employment between 1997 and 2004. The "Percent Change" column is the growth rate over the seven-year period.

Occupational groups are groups of occupations with similar skills and/or educational requirements, based on the OES groupings. There are over 800 detailed occupations and close to 100 summary level occupations in the Occupational Employment Statistics (OES) classification system. The seven occupational groups are listed below.

Managers And Administrative occupations are top and mid-level managers, administrators, and executives. Primary duties are policy making, planning, staffing, directing or controlling the activities of a firm. First-line supervisors are excluded from this category.

Professional, Paraprofessional, And Technical occupations are concerned with theoretical or practical aspects of such fields as science, art, education, health, law, and business relations. Professional occupations generally require long and intensive preparation, while technical occupations work closely with professional personnel and are required to have a combination of basic scientific knowledge and specialized education.

Sales And Related occupations are concerned with influencing customers to buy commodities, services, real estate, and investments.

Clerical And Administrative Support occupations prepare, transcribe, systematize, and preserve written communications and records; distribute information; and collect accounts.

Service Occupations prepare and serve food and drink; provide lodging and related services; provide grooming, cosmetic, and other personal and health care services; maintain and clean clothing and other wearing apparel; provide protection for people and property; attend to the comfort or requests of patrons of amusement and recreation facilities; and perform cleaning and maintenance services in the interiors of buildings.

Agricultural, Forestry, And Fishing occupations in this report include only forestry workers, nursery workers, animal caretakers, and gardeners and groundskeepers.

Production, Construction, Operating, Maintenance, and Material Handling are skilled, semi-skilled, and unskilled workers performing machine and manual tasks involving production, construction, operating maintenance, repair, and material handling operations.

Occupational Tables

Employment By Major Occupational Group - Table 3

This table shows 1997 and 2004 employment and projected employment for the seven major occupational groups. The "Percent of Total" column displays the percentage of total employment each major occupational group represents. The "Absolute Change" column gives the number of job opportunities resulting from the creation of new jobs. "Percent Change" shows the percentage change for each occupational group.

Occupations With The Greatest Absolute Job Growth - Table 4

This table lists the 50 occupations that are projected to register the largest absolute change between 1997 and 2004. In general, these occupations are numerically large. Some have average projected rates of growth, but because of their employment size will add significant numbers of new jobs over the 1997-2004 period.

Occupations With The Fastest Job Growth - Table 5

This table lists the 50 occupations with the greatest projected percentage increases. It provides a different perspective to future occupational employment changes. It is important to note that some of these occupations are increasing rapidly from relatively small employment levels and are not necessarily found in Table 4.

Occupational Employment Projections - Table 6

This table provides occupational detail for up to 800 occupations. Annual average employment in each occupation is shown for 1997 and 2004. The column headed "Absolute Change" presents the number of job opportunities resulting from the creation of new jobs. The "Percent Change" column shows the percentage change for each occupation. The next column, "Openings Due to Separations", shows job opportunities that are created by workers leaving the occupation. Also included in this table is the Occupational Employment Statistics (OES) codes column. It shows the distinctive California OES code for each occupational title.

Each occupation in Table 6 is identified by a line number. The Alphabetical Index of Occupations section found in this module may be used to locate individual occupations in the detailed

table. The same line numbers are used in all area reports for 1997-2004. Line numbers may be different for other time periods. Not all line numbers appear in all counties; missing line numbers indicate occupations with no employment or employment below the area's cutoff point for publishing.

Occupations With The Most Openings - Table 7 (Growth Plus Separations)

This table lists the occupations that are projected to register the largest absolute growth and separations between 1997 and 2004. In general, these occupations are numerically large. Some have average projected rates of growth, but because of their employment size will add significant numbers of new job openings over the 1997-2004 period.

Occupations With Projected Decline - Table 8

This table lists the occupations that are projected to decline over the 1997-2004 time period. Declining employment is a sign that the occupation has no growth. However, turnover may result in some job opportunities.

Training Level Definitions

Occupational training and education classifications were developed by the Bureau of Labor Statistics to improve on prior classification systems that did not distinguish between occupations with comparable educational requirements. For example, neither carpenters nor laborers require formal education beyond high school, but the complexity of the work and the training time required results in carpenters being placed in the long-term on-the-job training category and laborers placed in the short-term on-the-job training category. Of course there is more than one way to qualify for a job. In this classification system, the education and training required reflects the manner in which most workers become proficient in that occupation and the preferences of most employers.

1. First professional degree. Occupations that require at least two years of full-time academic study beyond a bachelor's degree (for example, law, medicine, dentistry and clergy).

2. Doctoral degree. Occupations that require at least three years of full-time academic study beyond a bachelor's degree culminating in a doctoral degree.

3. Master's degree. Occupations that require the completion of a master's degree program which is usually one to two years beyond a bachelor's degree.

4. Bachelor's or higher and some work experience. Occupations that generally require work experience in an occupation requiring a bachelor's or higher degree. Most occupations in this category are managerial occupations that require work experience in a related non-managerial occupation.

5. Bachelor's degree. Occupations that require the completion of at least 4 but not more than 5 years of full-time academic study beyond high school resulting in a Bachelor's degree.

6. Associate degree. Occupations that require the completion of at least 2 years of full-time academic study beyond high school.

7. Post-secondary vocational education. Occupations that require completion of vocational school training.

8. Work experience. Occupations that require skills obtained through work experience in a related occupation.

9. Long-term on-the-job training. Occupations that require more than 12 months of on-the-job training or combined work experience and formal classroom instruction for workers to develop the skills needed for average job performance.

10. Moderate-term on-the-job training. Occupations in which workers can develop average job performance after 1 to 12 months of combined on-the-job experience and informal training.

11. Short-term on-the-job-training. Occupations in which workers can develop skills needed after a short demonstration or up to one month of on-the-job experience and instruction.

Table 1
Employment By Major Industry (1)
1999 - 2006 Annual Averages
TUOLUMNE COUNTY

INDUSTRY	1999 (2)	PERCENT OF TOTAL	2006	PERCENT OF TOTAL
TOTAL NONFARM	15,080	100.0%	16,870	100.0%
MINING & CONSTRUCTION	870	5.8%	940	5.6%
MANUFACTURING	1,170	7.8%	1,340	7.9%
TRANSPORTATION & PUBLIC UTILITIES	470	3.1%	460	2.7%
TRADE	3,720	24.7%	4,200	24.9%
FINANCE, INSURANCE, & REAL ESTATE	490	3.2%	490	2.9%
SERVICES	3,980	26.4%	4,510	26.7%
GOVERNMENT	4,380	29.0%	4,930	29.2%

- (1) Employment and projections contained in these tables are considered estimates (see introduction for a full explanation of data limitations). Employment is reported by place of work and excludes self-employed persons, unpaid family workers, domestics, volunteers, and those involved in labor-management trade disputes. These data are based on 1987 Standard Industrial Classifications. Annual average industry detail may not add up to totals due to independent rounding. Government data include all civilian government employees regardless of the activities in which they are engaged.
- (2) March 2000 benchmark.

Industry Chart
Employment By Major Industry
TUOLUMNE COUNTY 1999 - 2006

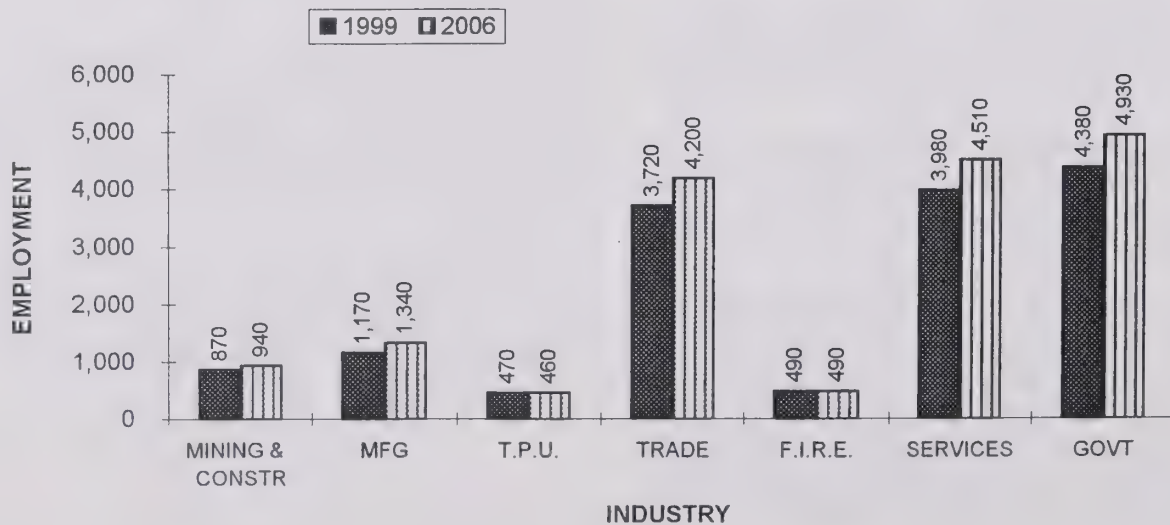


Table 2
Industry Employment Projections (1)
1999-2006
TUOLUMNE COUNTY

INDUSTRY	SIC	ANNUAL AVERAGES		ABSOLUTE CHANGE	PERCENT CHANGE
		1999 (2)	2006		
TOTAL NONFARM	10-99 (ex88) 074,075,078	15,080	16,870	1,790	11.9
GOODS PRODUCING	10-39	2,040	2,280	240	11.8
CONSTRUCTION & MINING	10-17	870	940	70	8.0
MANUFACTURING	20-39	1,170	1,340	170	14.5
Durable Goods	24,25,32-39	920	1,000	80	8.7
Nondurable Goods	20-23,26-31	250	340	90	36.0
SERVICE PRODUCING	40-99(ex88) 074,075,078	13,040	14,590	1,550	11.9
TRANSPORTATION AND PUBLIC UTILITIES	40-42,44-49	470	460	-10	-2.1
Transportation	40-42,44-47	210	220	10	4.8
Communications and Public Utilities	48,49	260	240	-20	-7.7
TRADE	50-59	3,720	4,200	480	12.9
Wholesale Trade	50,51	220	210	-10	-4.5
Retail Trade	52-59	3,500	3,990	490	14.0
Food Stores	54	660	720	60	9.1
Eating and Drinking Places	58	1,200	1,380	180	15.0
Other Retail Trade		1,640	1,890	250	15.2
FINANCE, INSURANCE, & REAL ESTATE	60-65,67	490	490	0	0.0
SERVICES	70-89 074,075,078	3,980	4,510	530	13.3
Hotels and Other Lodging Places	70	370	360	-10	-2.7
Health Services	80	1,320	1,500	180	13.6
Other Services		2,290	2,650	360	15.7
GOVERNMENT		4,380	4,930	550	12.6
Federal Government		340	360	20	5.9
State and Local Government		4,040	4,570	530	13.1
State Government		1,090	1,220	130	11.9
Local Government		2,940	3,350	410	13.9

- (1) Employment and projections contained in these tables are considered estimates (see introduction for a full explanation of data limitations). Employment is reported by place of work and excludes self-employed persons, unpaid family workers, domestics, volunteers and those involved in labor-management trade disputes. These data are based on 1987 Standard Industrial Classifications. Annual average industry detail may not add up to totals due to independent rounding. Government data include all civilian government employees regardless of the activities in which they are engaged.
- (2) March 2000 benchmark.

Table 2
Industry Employment Projections (1)
1999-2006
AMADOR COUNTY

INDUSTRY	SIC	ANNUAL AVERAGES		ABSOLUTE CHANGE	PERCENT CHANGE
		1999 (2)	2006		
TOTAL NONFARM	10-99(ex88) 074,075,078	10,370	12,940	2,570	24.8
GOODS PRODUCING	10-39	1,270	1,480	210	16.5
CONSTRUCTION & MINING	10-17	410	470	60	14.6
MANUFACTURING	20-39	860	1,010	150	17.4
Durable Goods	24,25,32-39	480	560	80	16.7
Lumber and Wood Products	24	210	250	40	19.0
Other Durable Goods		270	310	40	14.8
Nondurable Goods	20-23,26-31	380	450	70	18.4
Food and Kindred Products	20	100	120	20	20.0
Other Nondurable Goods		280	330	50	17.9
SERVICE PRODUCING	40-99(ex 88) 074,075,078	9,090	11,470	2,380	26.2
TRANSPORTATION AND PUBLIC UTILITIES	40-42,44-49	420	470	50	11.9
Transportation	40-42,44-47	150	160	10	6.7
Communications and Public Utilities	48,49	270	310	40	14.8
TRADE	50-59	2,380	2,910	530	22.3
Wholesale Trade	50,51	180	270	90	50.0
Retail Trade	52-59	2,200	2,640	440	20.0
Food Stores	54	440	510	70	15.9
Eating and Drinking Places	58	690	820	130	18.8
Other Retail Trade		1,070	1,310	240	22.4
FINANCE, INSURANCE, & REAL ESTATE	60-65,67	360	430	70	19.4
SERVICES	70-89 074,075,078	2,320	3,390	1,070	46.1
Hotels and Other Lodging Places	70	220	250	30	13.6
Health Services	80	870	1,130	260	29.9
Other Services		1,230	2,000	770	62.6
GOVERNMENT		3,610	4,270	660	18.3
Federal Government		110	140	30	27.3
State and Local Government		3,510	4,130	620	17.7
State Government		1,600	1,780	180	11.3
Local Government		1,910	2,350	440	23.0

(1) Employment and projections contained in these tables are considered estimates (see introduction for a full explanation of data limitations).

Employment is reported by place of work and excludes self-employed persons, unpaid family workers, domestics, volunteers and those involved in labor-management trade disputes. These data are based on 1987 Standard Industrial Classifications. Annual average industry detail may not add up to totals due to independent rounding. Government data include all civilian government employees regardless of the activities in which they are engaged.

(2) March 2000 benchmark.

Table 2
Industry Employment Projections (1)
1999-2006
CALAVERAS COUNTY

INDUSTRY	SIC	ANNUAL AVERAGES		ABSOLUTE CHANGE	PERCENT CHANGE
		1999 (2)	2006		
TOTAL NONFARM	10-99(ex 88) 074,075,078	7,700	9,130	1,430	18.6
GOODS PRODUCING	10-39	1,200	1,360	160	13.3
CONSTRUCTION & MINING	10-17	730	810	80	11.0
MANUFACTURING	20-39	470	550	80	17.0
Durable Goods	24,25,32-39	190	220	30	15.8
Lumber and Wood Products	24	60	60	0	0.0
Other Durable Goods		130	160	30	23.1
Nondurable Goods	20-23,26-31	280	330	50	17.9
Food & Kindred Products		170	210	40	23.5
Other Nondurable Goods		110	120	10	9.1
SERVICE PRODUCING	40-99(ex 88) 074,075,078	6,500	7,780	1,270	19.5
TRANSPORTATION AND PUBLIC UTILITIES	40-42,44-49	390	420	30	7.7
Transportation	40-42,44-47	220	260	40	18.2
Communications and Public Utilities	48,49	170	160	-10	-5.9
TRADE	50-59	1,700	1,980	280	16.5
Wholesale Trade	50,51	200	240	40	20.0
Retail Trade	52-59	1,500	1,740	240	16.0
Food Stores	54	310	380	70	22.6
Eating and Drinking Places	58	530	620	90	17.0
Other Retail Trade		660	740	80	12.1
FINANCE, INSURANCE, & REAL ESTATE	60-65,67	320	380	60	18.8
SERVICES	70-89 074, 075,078	1,820	2,290	470	25.8
Hotels and Other Lodging Places	70	210	230	20	9.5
Health Services	80	330	410	80	24.2
Other Services		1,280	1,650	370	28.9
GOVERNMENT		2,280	2,710	430	18.9
Federal Government		140	170	30	21.4
State and Local Government		2,140	2,540	400	18.7
State Government		240	260	20	8.3
Local Government		1,900	2,280	380	20.0

(1) Employment and projections contained in these tables are considered estimates (see introduction for a full explanation of data limitations). Employment is reported by place of work and excludes self-employed persons, unpaid family workers, domestics, volunteers, and those involved in labor-management trade disputes. These data are based on 1987 Standard Industrial Classifications. Annual average industry detail may not add up to totals due to independent rounding. Government data include all civilian government employees regardless of the activities in which they are engaged.

(2) March 2000 benchmark.

Table 2
Industry Employment Projections (1)
1999 - 2006
MARIPOSA COUNTY

INDUSTRY	SIC	ANNUAL AVERAGES		ABSOLUTE CHANGE	PERCENT CHANGE
		1999 (2)	2006		
TOTAL NONFARM	10-99(ex88) 074,075,078	4,820	5,660	840	17.4
GOODS PRODUCING	10-39	320	380	60	18.8
CONSTRUCTION & MINING	10-17	130	160	30	23.1
MANUFACTURING	20-39	190	220	30	15.8
SERVICE PRODUCING	40-99(ex88) 074,075,078	4,500	5,280	770	17.1
TRANSPORTATION & PUBLIC UTILITIES	40-42,44-49	90	120	30	33.3
Transportation	40-42,44-47	60	80	20	33.3
Communications and Public Utilities	48,49	30	40	10	33.3
TRADE	50-59	660	840	180	27.3
Wholesale Trade	50,51	20	50	30	150.0
Retail Trade	52-59	640	790	150	23.4
Food Stores	54	150	180	30	20.0
Eating and Drinking Places	58	310	420	110	35.5
Other Retail Trade		190	190	0	0.0
FINANCE, INSURANCE, & REAL ESTATE	60-65,67	90	90	0	0.0
SERVICES	70-89 074,075,078	1,970	2,370	400	20.3
Hotels and Other Lodging Places		1,600	1,940	340	21.2
Health Services		90	90	0	0.0
Other Services		280	340	60	21.4
GOVERNMENT		1,700	1,860	160	9.4
Federal Government		600	640	40	6.7
State and Local Government		1,100	1,220	120	10.9
State Government		160	180	20	12.5
Local Government		930	1,040	110	11.8

(1) Employment and projections contained in these tables are considered estimates (see introduction for a full explanation of data limitations). Employment is reported by place of work and excludes self-employed persons, unpaid family workers, domestics, volunteers and those involved in labor-management trade disputes. These data are based on 1987 Standard Industrial Classifications. Annual average industry detail may not add up to totals due to independent rounding. Government data include all civilian government employees regardless of the activities in which they are engaged.

(2) March 2000 benchmark.

Table 3
Employment by Major Occupational Group
1999 - 2006 Annual Averages
MOTHER LODE CONSORTIUM

OCCUPATIONAL GROUP	1999	PERCENT OF TOTAL	2006	PERCENT OF TOTAL	ABSOLUTE CHANGE	PERCENT CHANGE
TOTAL, ALL OCCUPATIONS (1)	37,970	100.0%	44,600	100.0%	6,630	17.5%
MANAGERS AND ADMIN OCCUPATIONS	2,170	5.7%	2,510	5.6%	340	15.7%
PROFESSIONAL, PARAPROF, TECHNICAL	8,010	21.1%	9,700	21.7%	1,690	21.1%
SALES AND RELATED OCCUPATIONS	4,440	11.7%	5,420	12.2%	980	22.1%
CLERICAL, ADMINISTRATIVE SUPPORT	5,540	14.6%	6,160	13.8%	620	11.2%
SERVICE OCCUPATIONS	9,180	24.2%	10,860	24.3%	1,680	18.3%
AGRICULTURAL, FORESTRY, FISHING	1,160	3.1%	1,380	3.1%	220	19.0%
PROD, CONST, OPER, MAT HANDLING	7,470	19.7%	8,570	19.2%	1,100	14.7%

(1) Total is based on the March 2000 benchmark.

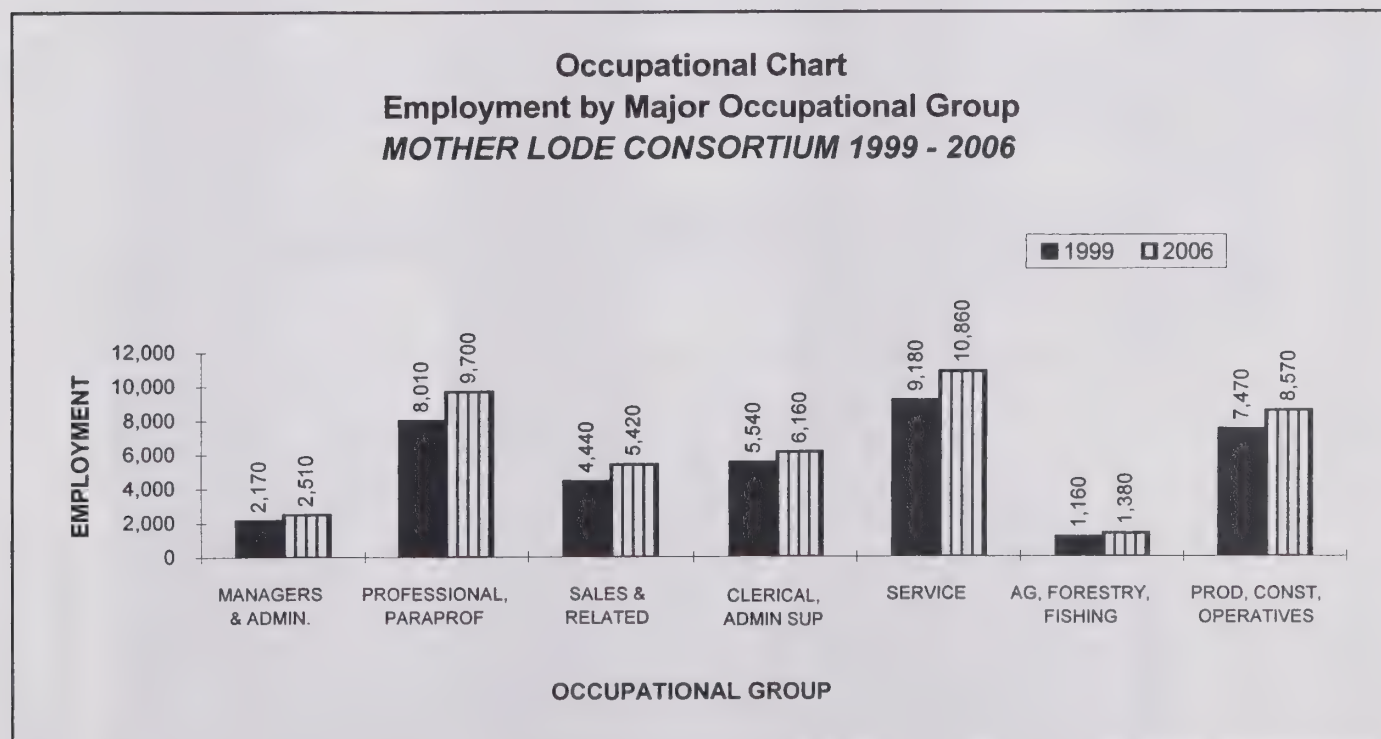


Table 4
Occupations With The Greatest Absolute Job Growth (1)
1999 - 2006
MOTHER LODE CONSORTIUM

CA OES CODE	OCCUPATION	ANNUAL AVERAGES		NUMBER OF NEW JOBS	PERCENT CHANGE	BLS TRAINING LEVEL	EDUCATION/EXPERIENCE
		1999(2)	2006				
49023	CASHIERS	1,370	1,690	320	23.4	11	SHORT-TERM ON-THE-JOB TRAINING
63017	CORRECTION OFFICERS, JAILERS	1,100	1,390	290	26.4	9	LONG-TERM ON-THE-JOB TRAINING
49011	SALESPERSONS, RETAIL	1,190	1,430	240	20.2	11	SHORT-TERM ON-THE-JOB TRAINING
19005	GENERAL MANAGERS, TOP EXECUTIVES	850	1,020	170	20.0	4	WORK EXP, PLUS A BACHELOR'S OR HIGHER
31521	TEACHER AIDES, PARAPROFESSIONAL	570	740	170	29.8	6	ASSOCIATE DEGREE
55347	GENERAL OFFICE CLERKS	780	930	150	19.2	11	SHORT-TERM ON-THE-JOB TRAINING
65008	WAITERS AND WAITRESSES	930	1,070	140	15.1	11	SHORT-TERM ON-THE-JOB TRAINING
32502	REGISTERED NURSES	680	810	130	19.1	6	ASSOCIATE DEGREE
63014	POLICE PATROL OFFICERS	430	560	130	30.2	9	LONG-TERM ON-THE-JOB TRAINING
31305	TEACHERS--ELEMENTARY SCHOOL	810	930	120	14.8	5	BACHELOR'S DEGREE
67002	MAIDS AND HOUSEKEEPING CLEANERS	740	860	120	16.2	11	SHORT-TERM ON-THE-JOB TRAINING
65041	COMBINED FOOD PREP AND SERVICE	540	640	100	18.5	11	SHORT-TERM ON-THE-JOB TRAINING
79041	LABORERS, LANDSCAPING/GROUNDSKEEPING	410	510	100	24.4	11	SHORT-TERM ON-THE-JOB TRAINING
31308	TEACHERS--SECONDARY SCHOOL	380	460	80	21.1	5	BACHELOR'S DEGREE
31321	INSTRUCTORS AND COACHES--SPORTS	300	380	80	26.7	10	MODERATE-TERM ON-THE-JOB TRAINING
67005	JANITORS, CLEANERS--EXCEPT MAIDS	550	630	80	14.5	11	SHORT-TERM ON-THE-JOB TRAINING
49017	COUNTER AND RENTAL CLERKS	140	210	70	50.0	11	SHORT-TERM ON-THE-JOB TRAINING
55305	RECEPTIONISTS, INFORMATION CLERKS	330	400	70	21.2	11	SHORT-TERM ON-THE-JOB TRAINING
66008	NURSE AIDES, ORDERLIES, ATTENDANTS	320	390	70	21.9	11	SHORT-TERM ON-THE-JOB TRAINING
97105	TRUCK DRIVERS, LIGHT	280	350	70	25.0	11	SHORT-TERM ON-THE-JOB TRAINING
27311	RECREATION WORKERS	290	350	60	20.7	5	BACHELOR'S DEGREE
49008	SALES REPS, NON-SCIENTIFIC EX RETAIL	210	270	60	28.6	10	MODERATE-TERM ON-THE-JOB TRAINING
65026	COOKS--RESTAURANT	350	410	60	17.1	9	LONG-TERM ON-THE-JOB TRAINING
65038	FOOD PREPARATION WORKERS	460	520	60	13.0	11	SHORT-TERM ON-THE-JOB TRAINING
85132	MAINT REPAIRERS, GENL UTILITY	510	570	60	11.8	9	LONG-TERM ON-THE-JOB TRAINING
25104	COMPUTER SUPPORT SPECIALISTS	70	120	50	71.4	5	BACHELOR'S DEGREE
31311	TEACHERS--SPECIAL EDUCATION	200	250	50	25.0	5	BACHELOR'S DEGREE
85302	AUTOMOTIVE MECHANICS	210	260	50	23.8	9	LONG-TERM ON-THE-JOB TRAINING
87102	CARPENTERS	500	550	50	10.0	9	LONG-TERM ON-THE-JOB TRAINING
97102	TRUCK DRIVERS, HEAVY	310	360	50	16.1	11	SHORT-TERM ON-THE-JOB TRAINING

Table 4
Occupations With The Greatest Absolute Job Growth (1)
1999 - 2006

MOTHER LODGE CONSORTIUM

CA OES CODE	OCCUPATION	ANNUAL AVERAGES		NUMBER OF NEW JOBS	PERCENT CHANGE	BLS TRAINING LEVEL	EDUCATION/EXPERIENCE
		1999(2)	2006				
98902	HAND PACKERS AND PACKAGERS	200	250	50	25.0	11	SHORT-TERM ON-THE-JOB TRAINING
25102	SYSTEMS ANALYSTS--ELEC DATA PROCESSOR	70	110	40	57.1	5	BACHELOR'S DEGREE
53905	TEACHER AIDES & EDUC ASSTS, CLERICAL	160	200	40	25.0	11	SHORT-TERM ON-THE-JOB TRAINING
55108	SECRETARIES, GENERAL	570	610	40	7.0	7	POST-SECONDARY VOCATIONAL EDUCATION
65017	COUNTER ATTENDANTS--FOOD	200	240	40	20.0	11	SHORT-TERM ON-THE-JOB TRAINING
65032	COOKS--SPECIALTY FAST FOOD	190	230	40	21.1	11	SHORT-TERM ON-THE-JOB TRAINING
66011	HOME HEALTH CARE WORKERS	90	130	40	44.4	11	SHORT-TERM ON-THE-JOB TRAINING
68014	AMUSEMENT, RECREATION ATTENDANTS	160	200	40	25.0	11	SHORT-TERM ON-THE-JOB TRAINING
93956	ASSEMB, FABRICATORS--EX MACH, ELECTRIC	120	160	40	33.3	11	SHORT-TERM ON-THE-JOB TRAINING
21114	ACCOUNTANTS AND AUDITORS	140	170	30	21.4	5	BACHELOR'S DEGREE
21911	COMPL, ENFORCE INSPECT--EX CONSTRUC	110	140	30	27.3	8	WORK EXPERIENCE
27305	SOCIAL WKRS--EX MED, PSYCHIATRIC	90	120	30	33.3	5	BACHELOR'S DEGREE
31303	TEACHERS, PRESCHOOL	80	110	30	37.5	5	BACHELOR'S DEGREE
31314	TEACHERS--VOC ED AND TRAINING	230	260	30	13.0	8	WORK EXPERIENCE
31514	VOCATIONAL & EDUCATIONAL COUNSELOR	120	150	30	25.0	3	MASTER'S DEGREE
49005	SALES REPS, SCIENTIFIC--EX RETAIL	70	100	30	42.9	10	MODERATE-TERM ON-THE-JOB TRAINING
49021	STOCK CLERKS--SALES FLOOR	430	460	30	7.0	11	SHORT-TERM ON-THE-JOB TRAINING
49026	TELEMARKETERS, SOLICITORS & RELATED	60	90	30	50.0	11	SHORT-TERM ON-THE-JOB TRAINING
55338	BOOKKEEPING, ACCOUNTING CLERKS	560	590	30	5.4	10	MODERATE-TERM ON-THE-JOB TRAINING
58023	STOCK CLERKS--STOCKROOM, WAREHOUSE	160	190	30	18.8	11	SHORT-TERM ON-THE-JOB TRAINING
TOTAL OF THESE OCCUPATIONS		19,620	23,570	3,950	20.1		

(1) Excludes not elsewhere classified (NEC) categories.

(2) March 2000 Benchmark

Table 5
Occupations With The Fastest Job Growth (1)
1999 - 2006
MOTHER LODE CONSORTIUM

CA OES CODE	OCCUPATION	ANNUAL AVERAGES		NUMBER OF NEW JOBS	PERCENT CHANGE	BLS TRAINING LEVEL	EDUCATION/EXPERIENCE
		1999(2)	2006				
25104	COMPUTER SUPPORT SPECIALISTS	70	120	50	71.4	5	BACHELOR'S DEGREE
25102	SYSTEMS ANALYSTS--ELEC DATA PROCESSOR	70	110	40	57.1	5	BACHELOR'S DEGREE
49017	COUNTER AND RENTAL CLERKS	140	210	70	50.0	11	SHORT-TERM ON-THE-JOB TRAINING
49026	TELEMARKETERS, SOLICITORS & RELATED	60	90	30	50.0	11	SHORT-TERM ON-THE-JOB TRAINING
66005	MEDICAL ASSISTANTS	60	90	30	50.0	10	MODERATE-TERM ON-THE-JOB TRAINING
66011	HOME HEALTH CARE WORKERS	90	130	40	44.4	11	SHORT-TERM ON-THE-JOB TRAINING
49005	SALES REPS, SCIENTIFIC--EX RETAIL	70	100	30	42.9	10	MODERATE-TERM ON-THE-JOB TRAINING
31303	TEACHERS, PRESCHOOL	80	110	30	37.5	5	BACHELOR'S DEGREE
93956	ASSEMB, FABRICATORS--EX MACH,ELECT	120	160	40	33.3	11	SHORT-TERM ON-THE-JOB TRAINING
27305	SOCIAL WKRS--EX MED, PSYCHIATRIC	90	120	30	33.3	5	BACHELOR'S DEGREE
55323	ORDER CLERKS--MATERIALS, SERVICE	60	80	20	33.3	11	SHORT-TERM ON-THE-JOB TRAINING
63014	POLICE PATROL OFFICERS	430	560	130	30.2	9	LONG-TERM ON-THE-JOB TRAINING
31521	TEACHER AIDES, PARAPROFESSIONAL	570	740	170	29.8	6	ASSOCIATE DEGREE
49008	SALES REPS, NON-SCIENTIFIC EX RETAIL	210	270	60	28.6	10	MODERATE-TERM ON-THE-JOB TRAINING
15008	MEDICINE, HEALTH SERVICES MGRS	70	90	20	28.6	4	WORK EXP, PLUS A BACHELOR'S OR HIGHER
27302	SOCIAL WORKERS--MED, PSYCHIATRIC	70	90	20	28.6	3	MASTER'S DEGREE
27308	HUMAN SERVICES WORKERS	70	90	20	28.6	10	MODERATE-TERM ON-THE-JOB TRAINING
61005	POLICE AND DETECTIVE SUPERVISORS	70	90	20	28.6	8	WORK EXPERIENCE
65035	COOKS--SHORT ORDER	70	90	20	28.6	11	SHORT-TERM ON-THE-JOB TRAINING
21911	COMPL, ENFORCE INSPECT--EX CONSTRUC	110	140	30	27.3	8	WORK EXPERIENCE
68038	CHILD CARE WORKERS	110	140	30	27.3	11	SHORT-TERM ON-THE-JOB TRAINING
31321	INSTRUCTORS AND COACHES--SPORTS	300	380	80	26.7	10	MODERATE-TERM ON-THE-JOB TRAINING
63017	CORRECTION OFFICERS, JAILERS	1,100	1,390	290	26.4	9	LONG-TERM ON-THE-JOB TRAINING
97105	TRUCK DRIVERS, LIGHT	280	350	70	25.0	11	SHORT-TERM ON-THE-JOB TRAINING
31311	TEACHERS--SPECIAL EDUCATION	200	250	50	25.0	5	BACHELOR'S DEGREE
98902	HAND PACKERS AND PACKAGERS	200	250	50	25.0	11	SHORT-TERM ON-THE-JOB TRAINING
53905	TEACHER AIDES & EDUC ASSTS, CLERICAL	160	200	40	25.0	11	SHORT-TERM ON-THE-JOB TRAINING
68014	AMUSEMENT, RECREATION ATTENDANTS	160	200	40	25.0	11	SHORT-TERM ON-THE-JOB TRAINING
31514	VOCATIONAL & EDUCATIONAL COUNSELOR	120	150	30	25.0	3	MASTER'S DEGREE
65002	HOSTS, HOSTESSES--RESTAURANTS	120	150	30	25.0	11	SHORT-TERM ON-THE-JOB TRAINING

Table 5
Occupations With The Fastest Job Growth (1)
1999 - 2006
MOTHER LODE CONSORTIUM

CA OES CODE	OCCUPATION	ANNUAL AVERAGES		NUMBER OF NEW JOBS	PERCENT CHANGE	BLS TRAINING LEVEL	EDUCATION/EXPERIENCE
		1999(2)	2006				
66002	DENTAL ASSISTANTS	120	150	30	25.0	10	MODERATE-TERM ON-THE-JOB TRAINING
32908	DENTAL HYGIENISTS	80	100	20	25.0	6	ASSOCIATE DEGREE
81008	FIRST-LINE SUP/MGR-PRODUCTION	80	100	20	25.0	8	WORK EXPERIENCE
87402	PAINTERS, PAPERHANGERS--CONSTRUCTION	80	100	20	25.0	10	MODERATE-TERM ON-THE-JOB TRAINING
79041	LABORERS, LANDSCAPING/GROUNDSKEEPING	410	510	100	24.4	11	SHORT-TERM ON-THE-JOB TRAINING
85302	AUTOMOTIVE MECHANICS	210	260	50	23.8	9	LONG-TERM ON-THE-JOB TRAINING
49023	CASHIERS	1,370	1,690	320	23.4	11	SHORT-TERM ON-THE-JOB TRAINING
32102	PHYSICIANS AND SURGEONS	90	110	20	22.2	1	FIRST PROFESSIONAL DEGREE
65021	BAKERS--BREAD AND PASTRY	90	110	20	22.2	10	MODERATE-TERM ON-THE-JOB TRAINING
66008	NURSE AIDES, ORDERLIES, ATTENDANTS	320	390	70	21.9	11	SHORT-TERM ON-THE-JOB TRAINING
21114	ACCOUNTANTS AND AUDITORS	140	170	30	21.4	5	BACHELOR'S DEGREE
55305	RECEPTIONISTS, INFORMATION CLERKS	330	400	70	21.2	11	SHORT-TERM ON-THE-JOB TRAINING
31308	TEACHERS--SECONDARY SCHOOL	380	460	80	21.1	5	BACHELOR'S DEGREE
65032	COOKS--SPECIALTY FAST FOOD	190	230	40	21.1	11	SHORT-TERM ON-THE-JOB TRAINING
27311	RECREATION WORKERS	290	350	60	20.7	5	BACHELOR'S DEGREE
49011	SALESPERSONS, RETAIL	1,190	1,430	240	20.2	11	SHORT-TERM ON-THE-JOB TRAINING
19005	GENERAL MANAGERS, TOP EXECUTIVES	850	1,020	170	20.0	4	WORK EXP, PLUS A BACHELOR'S OR HIGHER
65017	COUNTER ATTENDANTS--FOOD	200	240	40	20.0	11	SHORT-TERM ON-THE-JOB TRAINING
63047	GUARDS AND WATCH GUARDS	150	180	30	20.0	11	SHORT-TERM ON-THE-JOB TRAINING
27307	RESIDENTIAL COUNSELORS	100	120	20	20.0	5	BACHELOR'S DEGREE
TOTAL OF THESE OCCUPATIONS		12,000	15,060	3,060	25.5		

(1) Excludes not elsewhere classified (NEC) categories and occupations of less than 80 in 2006.

(2) March 2000 Benchmark

Table 6
Occupational Employment Projections (1)
1999 - 2006
MOTHER LODE CONSORTIUM

LINE #	CA OES CODE	OCCUPATION	ANNUAL AVERAGES		ABSOLUTE CHANGE	PERCENT CHANGE	OPENINGS DUE TO SEPARATIONS	BLS TRAINING LEVEL	EDUCATION/EXPERIENCE
			1999 (2)	2006					
1		TOTAL, ALL OCCUPATIONS	37,970	44,600	6,630	17.5	7,360		
2	10000	MGRS AND ADMIN OCCUPATIONS	2,170	2,510	340	15.7	290		
3	13002	FINANCIAL MANAGERS	150	170	20	13.3	20	4	WORK EXP, PLUS A BACHELOR'S OR HIGHER
4	13005	PERS, TRAINING, LABOR-REL MGRS	40	40	0	0.0	10	4	WORK EXP, PLUS A BACHELOR'S OR HIGHER
5	13008	PURCHASING MANAGERS	30	40	10	33.3	10	4	WORK EXP, PLUS A BACHELOR'S OR HIGHER
6	13011	MKTING, ADV, PUB-REL MANAGERS	80	90	10	12.5	10	4	WORK EXP, PLUS A BACHELOR'S OR HIGHER
7	13014	ADMINISTRATIVE SERVICES MANAGERS	100	110	10	10.0	10	4	WORK EXP, PLUS A BACHELOR'S OR HIGHER
8	13017	ENGINEER, MATH, AND NAT SCI MGRS	50	60	10	20.0	10	4	WORK EXP, PLUS A BACHELOR'S OR HIGHER
9	15002	POSTMASTERS, MAIL SUPERINTENDENTS	30	40	10	33.3	0	8	WORK EXPERIENCE
10	15005	EDUCATION ADMINISTRATORS	130	150	20	15.4	20	4	WORK EXP, PLUS A BACHELOR'S OR HIGHER
11	15008	MEDICINE, HEALTH SERVICES MGRS	70	90	20	28.6	10	4	WORK EXP, PLUS A BACHELOR'S OR HIGHER
12	15011	PROPERTY AND REAL ESTATE MANAGERS	40	50	10	25.0	0	5	BACHELOR'S DEGREE
13	15014	INDUSTRIAL PRODUCTION MANAGERS	20	30	10	50.0	0	5	BACHELOR'S DEGREE
14	15017	CONSTRUCTION MANAGERS	70	80	10	14.3	10	5	BACHELOR'S DEGREE
16	15023	COMM, TRANS, UTIL OPER MGRS	50	50	0	0.0	10	4	WORK EXP, PLUS A BACHELOR'S OR HIGHER
17	15026	FOOD SERVICE AND LODGING MANAGERS	130	150	20	15.4	20	8	WORK EXPERIENCE
20	19002	PUB ADMIN CHIEF EXECS, LEGISLATORS	40	50	10	25.0	10	4	WORK EXP, PLUS A BACHELOR'S OR HIGHER
21	19005	GENERAL MANAGERS, TOP EXECUTIVES	850	1,020	170	20.0	110	4	WORK EXP, PLUS A BACHELOR'S OR HIGHER
22	19999	MANAGERS AND ADMINISTRATORS, NEC	290	290	0	0.0	30	4	WORK EXP, PLUS A BACHELOR'S OR HIGHER
23	20000	PROFESSIONAL, PARAPROF, TECHNICAL	8,010	9,700	1,690	21.1	1,180		
24	21000	MANAGEMENT SUPPORT OCCUPATIONS	610	750	140	23.0	110		

Table 6
Occupational Employment Projections (1)
1999 - 2006
MOTHER LODE CONSORTIUM

LINE #	CA OES CODE	OCCUPATION	ANNUAL AVERAGES		ABSOLUTE CHANGE	PERCENT CHANGE	OPENINGS DUE TO SEPARATIONS	BLS TRAINING LEVEL	EDUCATION/EXPERIENCE
			1999 (2)	2006					
25	21100	ACCOUNTANTS, AUDIT, FINANCE SPECS	200	250	50	25.0	40		
28	21108	LOAN OFFICERS AND COUNSELORS	30	40	10	33.3	10	5	BACHELOR'S DEGREE
30	21114	ACCOUNTANTS AND AUDITORS	140	170	30	21.4	20	5	BACHELOR'S DEGREE
32	21199	FINANCIAL SPECIALISTS, NEC	30	40	10	33.3	10	5	BACHELOR'S DEGREE
33	21300	PURCHASING AGENTS AND BUYERS	60	70	10	16.7	20		
34	21302	WHLE AND RET BUYERS--EX FARM PRODS	30	30	0	0.0	10	5	BACHELOR'S DEGREE
36	21308	PURCH AGTS--EX WHLE,RET,FARM PRODS	30	40	10	33.3	10	5	BACHELOR'S DEGREE
37	21500	PERS, TRAINING, LAB-REL SPECS	50	60	10	20.0	10		
41	21511	PERS, TRAINING, LAB-REL SPECS, NEC	50	60	10	20.0	10	5	BACHELOR'S DEGREE
42	21900	OTHER MANAGEMENT SUPPORT WORKERS	300	370	70	23.3	40		
43	21902	COST ESTIMATORS	30	40	10	33.3	0	8	WORK EXPERIENCE
44	21905	MANAGEMENT ANALYSTS	40	40	0	0.0	0	3	MASTER'S DEGREE
45	21908	CONST AND BUILDING INSPECTORS	30	40	10	33.3	10	8	WORK EXPERIENCE
46	21911	COMPL, ENFORCE INSPECT--EX CONST	110	140	30	27.3	20	8	WORK EXPERIENCE
50	21999	MANAGEMENT SUPPORT WORKERS, NEC	90	110	20	22.2	10	5	BACHELOR'S DEGREE
51	22000	ENGINEERS, ARCHITECTS, SURVEYORS	340	400	60	17.6	60		
52	22100	ENGINEERS	210	260	50	23.8	30		
59	22121	CIVIL ENGINEERS--INCLUDING TRAFFIC	80	90	10	12.5	10	5	BACHELOR'S DEGREE
61	22126	ELECT AND ELECTRONIC ENGINEERS	40	50	10	25.0	10	5	BACHELOR'S DEGREE
62	22127	COMPUTER ENGINEERS	30	40	10	33.3	0	5	BACHELOR'S DEGREE
65	22135	MECHANICAL ENGINEERS	20	30	10	50.0	0	5	BACHELOR'S DEGREE
67	22199	ENGINEERS, NEC	40	50	10	25.0	10	5	BACHELOR'S DEGREE

Table 6
Occupational Employment Projections (1)
1999 - 2006
MOTHER LODE CONSORTIUM

LINE #	CA OES CODE	OCCUPATION	ANNUAL AVERAGES		ABSOLUTE CHANGE	PERCENT CHANGE	OPENINGS DUE TO SEPARATIONS	BLS TRAINING LEVEL	EDUCATION/EXPERIENCE
			1999 (2)	2006					
73	22500	ENGINEERING, RELATED TECHNICIANS	130	140	10	7.7	30		
75	22505	ELECT, ELECTRONIC ENGINEERING TECH	50	60	10	20.0	10	6	ASSOCIATE DEGREE
78	22514	DRAFTERS	30	30	0	0.0	10	7	POST-SECONDARY VOCATIONAL EDUCATION
81	22599	ENGINEERING, RELATED TECHS, NEC	50	50	0	0.0	10	6	ASSOCIATE DEGREE
82	24000	NAT SCIENTISTS AND RELATED WORKERS	200	240	40	20.0	30		
89	24300	LIFE SCIENTISTS	140	170	30	21.4	20		
90	24302	FORESTERS, CONSERVATION SCIENTISTS	70	80	10	14.3	10	5	BACHELOR'S DEGREE
92	24308	BIOLOGICAL SCIENTISTS	50	60	10	20.0	10	2	DOCTORAL DEGREE
94	24399	LIFE SCIENTISTS, NEC	20	30	10	50.0	0	2	DOCTORAL DEGREE
95	24500	PHYSICAL, LIFE SCIENCE TECHS	60	70	10	16.7	10		
96	24502	BIOLOGICAL, AGRI, FOOD TECHS	20	30	10	50.0	0	6	ASSOCIATE DEGREE
100	24599	PHYSICAL, LIFE SCIENCE TECHS, NEC	40	40	0	0.0	10	6	ASSOCIATE DEGREE
101	25000	COMPUTER, MATH, OPS RESRCH, RELATED	180	280	100	55.6	10		
102	25100	COMPUTER SCIENTISTS AND RELATED	180	280	100	55.6	10		
103	25102	SYSTEMS ANALYSTS--ELEC DATA PROC	70	110	40	57.1	0	5	BACHELOR'S DEGREE
105	25104	COMPUTER SUPPORT SPECIALISTS	70	120	50	71.4	0	5	BACHELOR'S DEGREE
106	25105	COMPUTER PROGRAMMERS	40	50	10	25.0	10	5	BACHELOR'S DEGREE
118	27000	SOCIAL SCI, RECREATION, RELIGIOUS	680	850	170	25.0	130		

Table 6
Occupational Employment Projections (1)
1999 - 2006
MOTHER LODE CONSORTIUM

LINE #	CA OES CODE	OCCUPATION	ANNUAL AVERAGES		ABSOLUTE CHANGE	PERCENT CHANGE	OPENINGS DUE TO SEPARATIONS	BLS TRAINING LEVEL	EDUCATION/EXPERIENCE
			1999 (2)	2006					
119	27100	SOCIAL SCI--INCL URBAN, REG PLNERS	60	80	20	33.3	10		
121	27105	URBAN AND REGIONAL PLANNERS	30	40	10	33.3	10	3	MASTER'S DEGREE
122	27108	PSYCHOLOGISTS	30	40	10	33.3	0	3	MASTER'S DEGREE
124	27300	OTH SOCIAL SCIENCE RELATED WORKERS	620	770	150	24.2	120		
125	27302	SOCIAL WORKERS--MED, PSYCHIATRIC	70	90	20	28.6	10	3	MASTER'S DEGREE
126	27305	SOCIAL WKRS--EX MED, PSYCHIATRIC	90	120	30	33.3	10	5	BACHELOR'S DEGREE
127	27307	RESIDENTIAL COUNSELORS	100	120	20	20.0	20	5	BACHELOR'S DEGREE
128	27308	HUMAN SERVICES WORKERS	70	90	20	28.6	20	10	MODERATE-TERM ON-THE-JOB TRAINING
129	27311	RECREATION WORKERS	290	350	60	20.7	60	5	BACHELOR'S DEGREE
134	28000	LAW AND RELATED OCCUPATIONS	110	130	20	18.2	0		
135	28100	LAWYERS AND RELATED WORKERS	60	70	10	16.7	0		
137	28105	ADJUDICATORS, JUDICIAL REVIEWERS	20	20	0	0.0	0	4	WORK EXP, PLUS A BACHELOR'S OR HIGHER
138	28108	LAWYERS	40	50	10	25.0	0	1	FIRST PROFESSIONAL DEGREE
139	28300	LEGAL ASSTS, TECHS, EX CLERICAL	50	60	10	20.0	0		
143	28311	TITLE EXAMINERS AND ABSTRACTORS	20	20	0	0.0	0	10	MODERATE-TERM ON-THE-JOB TRAINING
144	28399	LEGAL ASSTS, TECHS--EX CLER, NEC	30	40	10	33.3	0	6	ASSOCIATE DEGREE
145	31000	TEACHERS, EDUCATORS, LIBRARIANS	3,010	3,650	640	21.3	420		
184	31300	OTHER TEACHERS AND INSTRUCTORS	2,210	2,640	430	19.5	330		
185	31303	TEACHERS, PRESCHOOL	80	110	30	37.5	10	5	BACHELOR'S DEGREE
186	31304	TEACHERS, KINDERGARTEN	100	110	10	10.0	20	5	BACHELOR'S DEGREE

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LINE #	CA OES CODE	OCCUPATION	ANNUAL AVERAGES		ABSOLUTE CHANGE	PERCENT CHANGE	OPENINGS DUE TO SEPARATIONS	BLS TRAINING LEVEL	EDUCATION/EXPERIENCE
			1999 (2)	2006					
187	31305	TEACHERS--ELEMENTARY SCHOOL	810	930	120	14.8	140	5	BACHELOR'S DEGREE
188	31308	TEACHERS--SECONDARY SCHOOL	380	460	80	21.1	90	5	BACHELOR'S DEGREE
189	31311	TEACHERS--SPECIAL EDUCATION	200	250	50	25.0	10	5	BACHELOR'S DEGREE
190	31314	TEACHERS--VOC ED AND TRAINING	230	260	30	13.0	20	8	WORK EXPERIENCE
191	31317	INSTRUCTORS--NON-VOC EDUCATION	40	50	10	25.0	0	8	WORK EXPERIENCE
192	31321	INSTRUCTORS AND COACHES--SPORTS	300	380	80	26.7	30	10	MODERATE-TERM ON-THE-JOB TRAINING
194	31399	TEACHERS AND INSTRUCTORS, NEC	70	90	20	28.6	10	3	MASTER'S DEGREE
195	31500	LIBRARIANS, ARCHIVISTS AND RELATED	800	1,010	210	26.2	90		
196	31502	LIBRARIANS--PROFESSIONAL	40	40	0	0.0	10	3	MASTER'S DEGREE
197	31505	TECHNICAL ASSISTANTS--LIBRARY	50	50	0	0.0	10	11	SHORT-TERM ON-THE-JOB TRAINING
200	31514	VOCATIONAL & EDUCATIONAL COUNSELOR	120	150	30	25.0	20	3	MASTER'S DEGREE
201	31517	INSTRUCTIONAL COORDINATORS	20	30	10	50.0	0	5	BACHELOR'S DEGREE
202	31521	TEACHER AIDES, PARAPROFESSIONAL	570	740	170	29.8	50	6	ASSOCIATE DEGREE
203	32000	HEALTH PRACTITIONERS, TECHS, RELATED	1,890	2,290	400	21.2	280		
204	32100	HEALTH DIAGNOSING, TREATING	120	150	30	25.0	20		
205	32102	PHYSICIANS AND SURGEONS	90	110	20	22.2	10	1	FIRST PROFESSIONAL DEGREE
206	32105	DENTISTS	30	40	10	33.3	10	1	FIRST PROFESSIONAL DEGREE
212	32300	THERAPISTS	150	200	50	33.3	20		
213	32302	RESPIRATORY CARE PRACTITIONERS	40	60	20	50.0	10	6	ASSOCIATE DEGREE
215	32308	PHYSICAL THERAPISTS	40	50	10	25.0	0	5	BACHELOR'S DEGREE
217	32314	SPEECH PATHOLOGISTS, AUDIOLOGISTS	40	60	20	50.0	10	3	MASTER'S DEGREE
219	32399	THERAPISTS, NEC	30	30	0	0.0	0	5	BACHELOR'S DEGREE
220	32500	HEALTH CARE MAINTENANCE, TREATING	1,140	1,350	210	18.4	160		

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			1999 (2)	2006					
221	32502	REGISTERED NURSES	680	810	130	19.1	80	6	ASSOCIATE DEGREE
222	32505	LICENSED VOCATIONAL NURSES	180	200	20	11.1	30	7	POST-SECONDARY VOCATIONAL EDUCATION
223	32508	EMERGENCY MEDICAL TECHNICIANS	110	130	20	18.2	20	7	POST-SECONDARY VOCATIONAL EDUCATION
224	32511	PHYSICIAN'S ASSISTANTS	40	50	10	25.0	10	5	BACHELOR'S DEGREE
225	32514	OPTICIANS--DISPENSING, MEASURING	30	40	10	33.3	0	9	LONG-TERM ON-THE-JOB TRAINING
226	32517	PHARMACISTS	60	70	10	16.7	10	5	BACHELOR'S DEGREE
227	32518	PHARMACY TECHNICIANS	40	50	10	25.0	10	10	MODERATE-TERM ON-THE-JOB TRAINING
230	32900	OTHER HEALTH PROFS, PARAPROFS	480	590	110	22.9	80		
231	32902	MED, CLINICAL LAB TECHNOLOGISTS	40	50	10	25.0	0	5	BACHELOR'S DEGREE
232	32905	MED, CLINICAL LAB ASSISTANTS	40	40	0	0.0	0	6	ASSOCIATE DEGREE
233	32908	DENTAL HYGIENISTS	80	100	20	25.0	10	6	ASSOCIATE DEGREE
234	32911	MEDICAL RECORDS TECHNICIANS	30	40	10	33.3	10	6	ASSOCIATE DEGREE
237	32919	RADIOLOGIC TECHNOLOGISTS	50	60	10	20.0	10	6	ASSOCIATE DEGREE
243	32951	VETERINARY TECHNICIANS	30	30	0	0.0	10	6	ASSOCIATE DEGREE
244	32999	HEALTH CARE PROFS, PARAPROFS, NEC	210	270	60	28.6	40	6	ASSOCIATE DEGREE
266	39000	MISC PROFS, PARAPROFS, TECHNICAL	990	1,110	120	12.1	140		
272	39999	OTHER PROF, PARAPROF, TECHNICAL	990	1,110	120	12.1	140	5	BACHELOR'S DEGREE
273	40000	SALES AND RELATED OCCUPATIONS	4,440	5,420	980	22.1	1,120		
274	41000	FIRST-LINE SUP/MGR--SALES	490	610	120	24.5	50	8	WORK EXPERIENCE
275	43000	SALES AGENTS--SERVICE	130	160	30	23.1	20		

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			1999 (2)	2006					
276	43002	SALES AGENTS, PLACERS--INSURANCE	20	30	10	50.0	0	9	LONG-TERM ON-THE-JOB TRAINING
281	43017	SALES AGENTS--SEL BUS SERVICES	50	60	10	20.0	10	10	MODERATE-TERM ON-THE-JOB TRAINING
282	43021	TRAVEL AGENTS	30	30	0	0.0	0	7	POST-SECONDARY VOCATIONAL EDUCATION
283	43023	SALES AGENTS--ADVERTISING	30	40	10	33.3	10	10	MODERATE-TERM ON-THE-JOB TRAINING
285	49000	MERCH, PRODUCTS AND OTHER SALES	3,820	4,650	830	21.7	1,050		
287	49005	SALES REPS, SCIENTIFIC--EX RETAIL	70	100	30	42.9	20	10	MODERATE-TERM ON-THE-JOB TRAINING
288	49008	SALES REPS, NON-SCIENTIFIC EX RETAIL	210	270	60	28.6	40	10	MODERATE-TERM ON-THE-JOB TRAINING
289	49011	SALESPERSONS, RETAIL	1,190	1,430	240	20.2	320	11	SHORT-TERM ON-THE-JOB TRAINING
290	49014	SALESPERSONS--PARTS	50	60	10	20.0	10	10	MODERATE-TERM ON-THE-JOB TRAINING
291	49017	COUNTER AND RENTAL CLERKS	140	210	70	50.0	50	11	SHORT-TERM ON-THE-JOB TRAINING
292	49021	STOCK CLERKS--SALES FLOOR	430	460	30	7.0	50	11	SHORT-TERM ON-THE-JOB TRAINING
293	49023	CASHIERS	1,370	1,690	320	23.4	490	11	SHORT-TERM ON-THE-JOB TRAINING
294	49026	TELEMARKETERS, SOLICITORS & RELATED	60	90	30	50.0	10	11	SHORT-TERM ON-THE-JOB TRAINING
295	49034	DEMONSTRATORS AND PROMOTERS	40	60	20	50.0	10	10	MODERATE-TERM ON-THE-JOB TRAINING
297	49999	SALES AND RELATED WORKERS, NEC	260	280	20	7.7	50	10	MODERATE-TERM ON-THE-JOB TRAINING
298	50000	CLERICAL, ADMINISTRATIVE SUPPORT	5,540	6,160	620	11.2	880		
299	51000	FIRST-LINE SUP/MGR, CLERL, ADM SUP	460	530	70	15.2	80	8	WORK EXPERIENCE
300	53000	INDUSTRY SPECIFIC CLERICAL, ADMIN	870	1,000	130	14.9	170		
301	53100	BANKING, SECURITY, FINANCE, CREDIT	330	370	40	12.1	70		
302	53102	TELLERS	200	210	10	5.0	60	11	SHORT-TERM ON-THE-JOB TRAINING

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			1999 (2)	2006					
303	53105	NEW ACCOUNTS CLERKS	40	50	10	25.0	10	8	WORK EXPERIENCE
308	53121	LOAN AND CREDIT CLERKS	30	40	10	33.3	0	11	SHORT-TERM ON-THE-JOB TRAINING
309	53123	ADJUSTMENT CLERKS	60	70	10	16.7	0	11	SHORT-TERM ON-THE-JOB TRAINING
312	53300	INSURANCE WORKERS	70	70	0	0.0	0		
313	53302	INS ADJUST, EXAMIN, INVESTIGATORS	30	30	0	0.0	0	9	LONG-TERM ON-THE-JOB TRAINING
316	53311	INSURANCE CLAIMS CLERKS	40	40	0	0.0	0	10	MODERATE-TERM ON-THE-JOB TRAINING
318	53500	INVESTIGATIVE, RELATED, EX INSUR	60	80	20	33.3	10		
319	53502	WELFARE ELIG WORKERS, INTERVIEWERS	20	30	10	50.0	0	10	MODERATE-TERM ON-THE-JOB TRAINING
321	53508	BILL AND ACCOUNT COLLECTORS	40	50	10	25.0	10	11	SHORT-TERM ON-THE-JOB TRAINING
326	53800	LODGING AND TRAVEL WORKERS	190	210	20	10.5	60		
329	53808	HOTEL DESK CLERKS	190	210	20	10.5	60	11	SHORT-TERM ON-THE-JOB TRAINING
330	53900	MISC INDUSTRY SPECIFIC CLERICAL	220	270	50	22.7	30		
331	53902	LIBRARY ASSTS & BOOKMOBILE DRIVERS	60	70	10	16.7	20	11	SHORT-TERM ON-THE-JOB TRAINING
332	53905	TEACHER AIDES & EDUC ASSTS, CLERICAL	160	200	40	25.0	10	11	SHORT-TERM ON-THE-JOB TRAINING
336	55000	SECRETARIAL, GENERAL OFFICE OCCS	2,960	3,280	320	10.8	470		
337	55100	SECRETARIES	670	720	50	7.5	80		
338	55102	SECRETARIES, LEGAL	40	40	0	0.0	0	7	POST-SECONDARY VOCATIONAL EDUCATION
339	55105	SECRETARIES, MEDICAL	60	70	10	16.7	10	7	POST-SECONDARY VOCATIONAL EDUCATION
340	55108	SECRETARIES, GENERAL	570	610	40	7.0	70	7	POST-SECONDARY VOCATIONAL EDUCATION
341	55300	MISC SECRETARIAL, GENL OFF OCCS	2,290	2,560	270	11.8	390		
342	55302	STENOGRAPHERS AND/OR COURT REPORT	30	30	0	0.0	0	7	POST-SECONDARY VOCATIONAL EDUCATION

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			1999 (2)	2006					
343	55305	RECEPTIONISTS, INFORMATION CLERKS	330	400	70	21.2	50	11	SHORT-TERM ON-THE-JOB TRAINING
344	55307	TYPISTS, INCLUDING WORD PROCESSING	240	200	-40	-16.7	30	10	MODERATE-TERM ON-THE-JOB TRAINING
345	55314	PERS CLERKS--EX PAYROLL	30	30	0	0.0	0	11	SHORT-TERM ON-THE-JOB TRAINING
347	55321	FILE CLERKS	50	60	10	20.0	10	11	SHORT-TERM ON-THE-JOB TRAINING
348	55323	ORDER CLERKS--MATERIALS, SERVICE	60	80	20	33.3	10	11	SHORT-TERM ON-THE-JOB TRAINING
351	55332	INTERVIEW CLERKS--EX PERS, WELFARE	30	40	10	33.3	10	11	SHORT-TERM ON-THE-JOB TRAINING
352	55335	CUSTOMER SERVICE REPS--UTILITIES	50	60	10	20.0	10	11	SHORT-TERM ON-THE-JOB TRAINING
353	55338	BOOKKEEPING, ACCOUNTING CLERKS	560	590	30	5.4	80	10	MODERATE-TERM ON-THE-JOB TRAINING
354	55341	PAYROLL AND TIMEKEEPING CLERKS	40	40	0	0.0	10	11	SHORT-TERM ON-THE-JOB TRAINING
355	55344	BILLING, COST, AND RATE CLERKS	90	100	10	11.1	10	11	SHORT-TERM ON-THE-JOB TRAINING
356	55347	GENERAL OFFICE CLERKS	780	930	150	19.2	170	11	SHORT-TERM ON-THE-JOB TRAINING
357	56000	EDP AND OFFICE MACHINE OCCUPATIONS	60	60	0	0.0	0		
361	56011	COMPUTER OPS--EX PERIPHERAL EQUIP	20	20	0	0.0	0	10	MODERATE-TERM ON-THE-JOB TRAINING
363	56017	DATA ENTRY KEYERS--EX COMPOSING	40	40	0	0.0	0	7	POST-SECONDARY VOCATIONAL EDUCATION
366	57000	COMMUNICATIONS, MAIL DISTRIBUTION	170	190	20	11.8	30		
367	57100	COMMUNICATION EQUIPMENT OPERATORS	60	60	0	0.0	10		
368	57102	SWITCHBOARD OPERATORS	40	40	0	0.0	10	11	SHORT-TERM ON-THE-JOB TRAINING
369	57105	DIRECTORY ASSISTANCE OPERATORS	20	20	0	0.0	0	10	MODERATE-TERM ON-THE-JOB TRAINING
373	57300	MAIL, MESSAGE DISTRIBUTION WORKERS	110	130	20	18.2	20		
375	57305	POSTAL MAIL CARRIERS	110	130	20	18.2	20	11	SHORT-TERM ON-THE-JOB TRAINING
378	58000	MATERIAL RECORDING, DISPATCHING	620	690	70	11.3	80		

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			1999 (2)	2006					
379	58002	DISPATCH--POLICE, FIRE, AMBULANCE	80	90	10	12.5	10	10	MODERATE-TERM ON-THE-JOB TRAINING
380	58005	DISPATCH--EX POLICE, FIRE, AMBUL	30	30	0	0.0	0	10	MODERATE-TERM ON-THE-JOB TRAINING
381	58008	PROD, PLANNING, EXPEDITING CLERKS	20	20	0	0.0	0	11	SHORT-TERM ON-THE-JOB TRAINING
383	58014	METER READERS--UTILITIES	70	70	0	0.0	10	11	SHORT-TERM ON-THE-JOB TRAINING
386	58023	STOCK CLERKS--STOCKROOM, WAREHOUSE	160	190	30	18.8	20	11	SHORT-TERM ON-THE-JOB TRAINING
387	58026	ORDER FILLERS--WHLE & RET SALES	30	40	10	33.3	10	11	SHORT-TERM ON-THE-JOB TRAINING
388	58028	TRAFFIC, SHIPPING, RECEIVING CLKS	200	220	20	10.0	20	11	SHORT-TERM ON-THE-JOB TRAINING
389	58099	MATERIAL RECORDING, RELATED, NEC	30	30	0	0.0	10	11	SHORT-TERM ON-THE-JOB TRAINING
390	59000	CLERICAL, ADMIN SUPPORT, NEC	400	410	10	2.5	50	11	SHORT-TERM ON-THE-JOB TRAINING
392	60000	SERVICE OCCUPATIONS	9,180	10,860	1,680	18.3	2,290		
393	61000	FIRST-LINE SUP/MGR--SERVICE	600	660	60	10.0	120		
394	61002	FIRE FIGHTING & PREVENTION SUPS	120	120	0	0.0	30	8	WORK EXPERIENCE
395	61005	POLICE AND DETECTIVE SUPERVISORS	70	90	20	28.6	20	8	WORK EXPERIENCE
396	61008	HOUSEKEEPING SUPERVISORS	70	70	0	0.0	10	8	WORK EXPERIENCE
397	61099	FIRST-LINE SUP/MGR SERV WKRS, NEC	340	380	40	11.8	60	8	WORK EXPERIENCE
398	63000	PROTECTIVE SERVICE OCCUPATIONS	2,130	2,610	480	22.5	460		
401	63008	FIRE FIGHTERS	300	310	10	3.3	50	9	LONG-TERM ON-THE-JOB TRAINING
403	63014	POLICE PATROL OFFICERS	430	560	130	30.2	90	9	LONG-TERM ON-THE-JOB TRAINING
404	63017	CORRECTION OFFICERS, JAILERS	1,100	1,390	290	26.4	240	9	LONG-TERM ON-THE-JOB TRAINING
409	63032	SHERIFFS AND DEPUTY SHERIFFS	30	40	10	33.3	0	9	LONG-TERM ON-THE-JOB TRAINING
413	63044	CROSSING GUARDS	40	40	0	0.0	10	11	SHORT-TERM ON-THE-JOB TRAINING

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			1999 (2)	2006					
414	63047	GUARDS AND WATCH GUARDS	150	180	30	20.0	30	11	SHORT-TERM ON-THE-JOB TRAINING
415	63099	PROTECTIVE SERVICE WORKERS, NEC	80	90	10	12.5	40	11	SHORT-TERM ON-THE-JOB TRAINING
416	65000	FOOD, BEV PREP AND SERVICE OCCS	3,680	4,250	570	15.5	1,320		
417	65002	HOSTS, HOSTESSES--RESTAURANTS	120	150	30	25.0	30	11	SHORT-TERM ON-THE-JOB TRAINING
418	65005	BARTENDERS	190	210	20	10.5	60	11	SHORT-TERM ON-THE-JOB TRAINING
419	65008	WAITERS AND WAITRESSES	930	1,070	140	15.1	390	11	SHORT-TERM ON-THE-JOB TRAINING
421	65014	DINING RM ATTENDANTS, BAR HELPERS	190	200	10	5.3	40	11	SHORT-TERM ON-THE-JOB TRAINING
422	65017	COUNTER ATTENDANTS--FOOD	200	240	40	20.0	140	11	SHORT-TERM ON-THE-JOB TRAINING
423	65021	BAKERS--BREAD AND PASTRY	90	110	20	22.2	20	10	MODERATE-TERM ON-THE-JOB TRAINING
424	65023	BUTCHERS AND MEAT CUTTERS	90	90	0	0.0	20	9	LONG-TERM ON-THE-JOB TRAINING
425	65026	COOKS--RESTAURANT	350	410	60	17.1	70	9	LONG-TERM ON-THE-JOB TRAINING
426	65028	COOKS--INSTITUTION OR CAFETERIA	150	160	10	6.7	30	9	LONG-TERM ON-THE-JOB TRAINING
427	65032	COOKS--SPECIALTY FAST FOOD	190	230	40	21.1	40	11	SHORT-TERM ON-THE-JOB TRAINING
428	65035	COOKS--SHORT ORDER	70	90	20	28.6	20	11	SHORT-TERM ON-THE-JOB TRAINING
429	65038	FOOD PREPARATION WORKERS	460	520	60	13.0	190	11	SHORT-TERM ON-THE-JOB TRAINING
430	65041	COMBINED FOOD PREP AND SERVICE	540	640	100	18.5	230	11	SHORT-TERM ON-THE-JOB TRAINING
431	65099	FOOD SERVICE WORKERS, NEC	110	130	20	18.2	40	11	SHORT-TERM ON-THE-JOB TRAINING
432	66000	HEALTH SERVICE, RELATED OCCS	660	860	200	30.3	70		
433	66002	DENTAL ASSISTANTS	120	150	30	25.0	10	10	MODERATE-TERM ON-THE-JOB TRAINING
434	66005	MEDICAL ASSISTANTS	60	90	30	50.0	10	10	MODERATE-TERM ON-THE-JOB TRAINING
435	66008	NURSE AIDES, ORDERLIES, ATTENDANTS	320	390	70	21.9	30	11	SHORT-TERM ON-THE-JOB TRAINING
436	66011	HOME HEALTH CARE WORKERS	90	130	40	44.4	10	11	SHORT-TERM ON-THE-JOB TRAINING
438	66017	PHYSICAL THERAPY ASSISTANTS & AIDE	20	30	10	50.0	0	10	MODERATE-TERM ON-THE-JOB TRAINING
441	66026	PHARMACY AIDES	20	30	10	50.0	0	11	SHORT-TERM ON-THE-JOB TRAINING
442	66099	HEALTH SERVICE WORKERS, NEC	30	40	10	33.3	10	11	SHORT-TERM ON-THE-JOB TRAINING

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			1999 (2)	2006					
443	67000	CLEANING, BLDING SERV EX PRIV HOUS	1,380	1,590	210	15.2	200		
444	67002	MAIDS AND HOUSEKEEPING CLEANERS	740	860	120	16.2	100	11	SHORT-TERM ON-THE-JOB TRAINING
445	67005	JANITORS, CLEANERS--EXCEPT MAIDS	550	630	80	14.5	90	11	SHORT-TERM ON-THE-JOB TRAINING
448	67099	CLEANING, BLDING SERV--EX PH, NEC	90	100	10	11.1	10	11	SHORT-TERM ON-THE-JOB TRAINING
449	68000	MISC PERSONAL SERVICE OCCUPATIONS	420	550	130	31.0	60		
451	68005	HAIRDRESSERS, HAIRSTYLISTS	50	60	10	20.0	10	7	POST-SECONDARY VOCATIONAL EDUCATION
454	68014	AMUSEMENT, RECREATION ATTENDANTS	160	200	40	25.0	30	11	SHORT-TERM ON-THE-JOB TRAINING
455	68017	GUIDES	20	30	10	50.0	0	8	WORK EXPERIENCE
456	68021	USHERS, LOBBY ATTENDANTS	20	30	10	50.0	0	11	SHORT-TERM ON-THE-JOB TRAINING
457	68023	BAGGAGE PORTERS AND BELLHOPS	20	30	10	50.0	0	11	SHORT-TERM ON-THE-JOB TRAINING
461	68035	PERSONAL AND HOME CARE AIDES	40	60	20	50.0	10	11	SHORT-TERM ON-THE-JOB TRAINING
462	68038	CHILD CARE WORKERS	110	140	30	27.3	10	11	SHORT-TERM ON-THE-JOB TRAINING
464	69000	MISC SERVICE WORKERS	310	340	30	9.7	60	8	WORK EXPERIENCE
466	70000	AGRICULTURAL, FORESTRY, FISHING	1,160	1,380	220	19.0	240		
467	72000	FIRST-LINE SUP/MGR--AG, FOR, FISH	50	60	10	20.0	10	8	WORK EXPERIENCE
469	73000	TIMBER CUTTING AND LOGGING	230	260	30	13.0	40		
470	73002	FALLERS AND BUCKERS	80	80	0	0.0	10	11	SHORT-TERM ON-THE-JOB TRAINING

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			1999 (2)	2006					
471	73005	CHOKE SETTERS	50	50	0	0.0	10	11	SHORT-TERM ON-THE-JOB TRAINING
472	73008	LOG HANDLING EQUIPMENT OPERATORS	50	60	10	20.0	10	10	MODERATE-TERM ON-THE-JOB TRAINING
473	73011	LOGGING TRACTOR OPERATORS	50	70	20	40.0	10	10	MODERATE-TERM ON-THE-JOB TRAINING
475	79000	MISC AG, FORESTRY, FISHING	880	1,060	180	20.5	190		
476	79002	FOREST, CONSERVATION WORKERS	160	180	20	12.5	30	11	SHORT-TERM ON-THE-JOB TRAINING
478	79011	GRADERS, SORTERS--AG PRODUCTS	20	30	10	50.0	0	11	SHORT-TERM ON-THE-JOB TRAINING
481	79017	ANIMAL CARETAKERS--EXCEPT FARM	30	40	10	33.3	0	11	SHORT-TERM ON-THE-JOB TRAINING
483	79033	PRUNERS	70	80	10	14.3	20	11	SHORT-TERM ON-THE-JOB TRAINING
485	79041	LABORERS, LANDSCAPING/GROUNDSKEEPI	410	510	100	24.4	100	11	SHORT-TERM ON-THE-JOB TRAINING
486	79806	VETERINARY ASSISTANTS	20	30	10	50.0	0	11	SHORT-TERM ON-THE-JOB TRAINING
489	79999	AG, FORESTRY, FISHING--NEC	170	190	20	11.8	40	11	SHORT-TERM ON-THE-JOB TRAINING
490	80000	PROD, CONST, OPER, MAT HANDLING	7,470	8,570	1,100	14.7	1,360		
491	81000	FIRST-LINE SUP/MGR-BLUE COLLAR	480	560	80	16.7	110		
492	81002	FIRST-LINE SUP/MGR-MECH, REPAIRERS	110	120	10	9.1	20	8	WORK EXPERIENCE
493	81005	FIRST-LINE SUP/MGR-CONSTRUCTION	100	120	20	20.0	20	8	WORK EXPERIENCE
494	81008	FIRST-LINE SUP/MGR-PRODUCTION	80	100	20	25.0	20	8	WORK EXPERIENCE
495	81011	FIRST-LINE SUP/MGR-TRANSPORTATION	20	30	10	50.0	10	8	WORK EXPERIENCE
496	81017	FIRST-LINE SUP/MGR-HELP, LABORERS	20	30	10	50.0	10	8	WORK EXPERIENCE
497	81099	FIRST-LINE SUP/MGR-BLUE COLLAR NEC	150	160	10	6.7	30	8	WORK EXPERIENCE
498	83000	INSPECTORS, RELATED OCCUPATIONS	90	90	0	0.0	20		
500	83005	PROD INSPECTORS, TESTERS, & GRADER	40	40	0	0.0	10	8	WORK EXPERIENCE

Table 6
Occupational Employment Projections (1)
1999 - 2006
MOTHER LODE CONSORTIUM

LINE #	CA OES CODE	OCCUPATION	ANNUAL AVERAGES		ABSOLUTE CHANGE	PERCENT CHANGE	OPENINGS DUE TO SEPARATIONS	BLS TRAINING LEVEL	EDUCATION/EXPERIENCE
			1999 (2)	2006					
502	83099	INSPECTORS, TESTERS, RELATED, NEC	50	50	0	0.0	10	8	WORK EXPERIENCE
503	85000	MECHANICS, INSTALLERS, REPAIRERS	1,230	1,400	170	13.8	230		
504	85100	MACHINERY AND RELATED MECHANICS	610	680	70	11.5	100		
505	85110	MACHINERY MAINTENANCE MECHANICS	30	30	0	0.0	10	9	LONG-TERM ON-THE-JOB TRAINING
511	85119	MACHINERY MAINT MECHANICS, NEC	20	20	0	0.0	0	9	LONG-TERM ON-THE-JOB TRAINING
512	85123	MILLWRIGHTS	20	30	10	50.0	10	9	LONG-TERM ON-THE-JOB TRAINING
514	85128	MACHINERY MAINTENANCE WORKERS	30	30	0	0.0	0	9	LONG-TERM ON-THE-JOB TRAINING
515	85132	MAINT REPAIRERS, GENL UTILITY	510	570	60	11.8	80	9	LONG-TERM ON-THE-JOB TRAINING
516	85300	MOBILE EQUIP MECHANICS, REPAIRERS	330	410	80	24.2	70		
517	85302	AUTOMOTIVE MECHANICS	210	260	50	23.8	40	9	LONG-TERM ON-THE-JOB TRAINING
518	85305	AUTOMOTIVE BODY, RELATED REPAIRERS	30	40	10	33.3	10	9	LONG-TERM ON-THE-JOB TRAINING
520	85311	BUS AND TRUCK MECHANICS	60	70	10	16.7	10	9	LONG-TERM ON-THE-JOB TRAINING
521	85314	MOBILE HEAVY EQUIP MECH--EX ENGINE	30	40	10	33.3	10	9	LONG-TERM ON-THE-JOB TRAINING
535	85700	OTHER ELECTRICAL EQUIP MECHANICS	130	140	10	7.7	30		
536	85702	TELEPHONE, CABLE TV INSTALLERS	70	80	10	14.3	20	9	LONG-TERM ON-THE-JOB TRAINING
543	85723	ELECT POWERLINE INSTALLERS	60	60	0	0.0	10	9	LONG-TERM ON-THE-JOB TRAINING
547	85900	MISC MECH, INSTALLERS, REPAIRERS	160	170	10	6.3	30		
548	85902	HEATING, AC, REFRIG MECHANICS	40	40	0	0.0	10	9	LONG-TERM ON-THE-JOB TRAINING
557	85928	MECH CONTROL, VALVE INSTALLERS	20	20	0	0.0	0	9	LONG-TERM ON-THE-JOB TRAINING
564	85953	TIRE REPAIRERS AND CHANGERS	30	30	0	0.0	10	11	SHORT-TERM ON-THE-JOB TRAINING
566	85999	MECHS, INSTALLERS, REPAIRERS, NEC	70	80	10	14.3	10	9	LONG-TERM ON-THE-JOB TRAINING

Table 6
Occupational Employment Projections (1)
1999 - 2006
MOTHER LODGE CONSORTIUM

LINE #	CA OES CODE	OCCUPATION	ANNUAL AVERAGES		ABSOLUTE CHANGE	PERCENT CHANGE	OPENINGS DUE TO SEPARATIONS	BLS TRAINING LEVEL	EDUCATION/EXPERIENCE
			1999 (2)	2006					
567	87000	CONSTRUCTION TRADES	1,270	1,420	150	11.8	230		
568	87100	CARPENTERS AND RELATED WORKERS	560	610	50	8.9	100		
569	87102	CARPENTERS	500	550	50	10.0	100	9	LONG-TERM ON-THE-JOB TRAINING
571	87108	DRYWALL INSTALLERS	30	30	0	0.0	0	10	MODERATE-TERM ON-THE-JOB TRAINING
572	87111	TAPERS	30	30	0	0.0	0	10	MODERATE-TERM ON-THE-JOB TRAINING
575	87200	ELECTRICIANS AND RELATED WORKERS	110	120	10	9.1	20		
576	87202	ELECTRICIANS	110	120	10	9.1	20	9	LONG-TERM ON-THE-JOB TRAINING
577	87300	MASONS AND RELATED WORKERS	40	50	10	25.0	0		
581	87311	CONCRETE AND TERRAZZO FINISHERS	40	50	10	25.0	0	9	LONG-TERM ON-THE-JOB TRAINING
584	87400	PAINTERS AND RELATED WORKERS	80	100	20	25.0	20		
585	87402	PAINTERS, PAPERHANGERS--CONSTRUCT	80	100	20	25.0	20	10	MODERATE-TERM ON-THE-JOB TRAINING
586	87500	PLUMBERS AND RELATED WORKERS	70	80	10	14.3	10		
587	87502	PLUMBERS, PIPEFITTERS, STEAMFITTER	70	80	10	14.3	10	9	LONG-TERM ON-THE-JOB TRAINING
595	87700	SELECTED ROAD, RAIL AND RELATED	250	290	40	16.0	40		
598	87708	PAVING, TAMPING-EQUIP OPERATORS	120	140	20	16.7	20	10	MODERATE-TERM ON-THE-JOB TRAINING
599	87711	HIGHWAY MAINTENANCE WORKERS	130	150	20	15.4	20	11	SHORT-TERM ON-THE-JOB TRAINING
601	87800	CONSTRUCTION TRADES, NEC	100	100	0	0.0	20		
605	87808	ROOFERS	50	50	0	0.0	10	10	MODERATE-TERM ON-THE-JOB TRAINING
607	87814	STRUCTURAL METAL WORKERS	30	30	0	0.0	10	9	LONG-TERM ON-THE-JOB TRAINING
609	87899	CONSTRUCTION TRADES WORKERS, NEC	20	20	0	0.0	0	10	MODERATE-TERM ON-THE-JOB TRAINING

Table 6
Occupational Employment Projections (1)
1999 - 2006
MOTHER LODE CONSORTIUM

LINE #	CA OES CODE	OCCUPATION	ANNUAL AVERAGES		ABSOLUTE CHANGE	PERCENT CHANGE	OPENINGS DUE TO SEPARATIONS	BLS TRAINING LEVEL	EDUCATION/EXPERIENCE
			1999 (2)	2006					
610	87900	EXTRACTIVE AND RELATED WORKERS	60	70	10	16.7	20		
611	87902	EARTH DRILLERS, EXCEPT OIL AND GAS	30	30	0	0.0	10	10	MODERATE-TERM ON-THE-JOB TRAINING
624	87999	CONST, EXTRACTIVE--EX HELPERS, NEC	30	40	10	33.3	10	10	MODERATE-TERM ON-THE-JOB TRAINING
625	89000	PRODUCTION OCCUPATIONS, PRECISION	570	610	40	7.0	80		
626	89100	METAL WORKERS, PRECISION	120	140	20	16.7	20		
629	89108	MACHINISTS	80	90	10	12.5	10	9	LONG-TERM ON-THE-JOB TRAINING
637	89132	SHEET METAL WORKERS	40	50	10	25.0	10	10	MODERATE-TERM ON-THE-JOB TRAINING
675	89900	OTHER PRECISION WORKERS	450	470	20	4.4	60		
685	89999	WORKERS, PRECISION--NEC	450	470	20	4.4	60	9	LONG-TERM ON-THE-JOB TRAINING
686	91000	MACH SETTERS, SET-UP, OPS, TENDERS	220	270	50	22.7	40		
750	92700	TEXTILE, RELATED SETTERS, OPS	50	60	10	20.0	10		
759	92726	LNDRY, DRYCLEAN MACH OPS--EX PRESS	50	60	10	20.0	10	10	MODERATE-TERM ON-THE-JOB TRAINING
761	92900	MACH SETTER, SET-UP, OP--EX MET, PLAS	170	210	40	23.5	30		
783	92965	CRUSHING, MIXING MACH OPS, TNDRS	40	50	10	25.0	10	10	MODERATE-TERM ON-THE-JOB TRAINING
786	92974	PACKAGING, FILLING MACH OPS, TNDRS	50	60	10	20.0	10	10	MODERATE-TERM ON-THE-JOB TRAINING
788	92998	MACHINE OPERATORS AND TENDERS, NEC	80	100	20	25.0	10	10	MODERATE-TERM ON-THE-JOB TRAINING
789	93000	ASSEMBLERS AND FABRICATORS--HAND	350	460	110	31.4	60		

Table 6
Occupational Employment Projections (1)
1999 - 2006
MOTHER LODGE CONSORTIUM

LINE #	CA OES CODE	OCCUPATION	ANNUAL AVERAGES		ABSOLUTE CHANGE	PERCENT CHANGE	OPENINGS DUE TO SEPARATIONS	BLS TRAINING LEVEL	EDUCATION/EXPERIENCE
			1999 (2)	2006					
790	93100	ASSEMBLERS, PRECISION	70	80	10	14.3	10		
794	93111	ELECTROMECH EQUIP ASSEMBLERS--PREC	30	30	0	0.0	0	8	WORK EXPERIENCE
795	93114	ELECTRICAL EQUIP ASSEMBLERS--PREC	40	50	10	25.0	10	8	WORK EXPERIENCE
798	93900	OTHER HAND WORKERS	280	380	100	35.7	50		
800	93905	ELECTRICAL, ELECTRONIC ASSEMBLERS	20	30	10	50.0	0	11	SHORT-TERM ON-THE-JOB TRAINING
803	93914	WELDERS AND CUTTERS	50	60	10	20.0	10	7	POST-SECONDARY VOCATIONAL EDUCATION
817	93956	ASSEMB, FABRICATORS--EX MACH,ELECT	120	160	40	33.3	20	11	SHORT-TERM ON-THE-JOB TRAINING
818	93999	HAND WORKERS, NEC	90	130	40	44.4	20	11	SHORT-TERM ON-THE-JOB TRAINING
819	95000	PLANT AND SYSTEM OCCUPATIONS	200	230	30	15.0	30		
820	95002	WATER TREATMENT PLANT OPERATORS	120	140	20	16.7	20	9	LONG-TERM ON-THE-JOB TRAINING
830	95032	STATIONARY ENGINEERS	30	30	0	0.0	0	9	LONG-TERM ON-THE-JOB TRAINING
831	95099	PLANT AND SYSTEM OPERATORS, NEC	50	60	10	20.0	10	9	LONG-TERM ON-THE-JOB TRAINING
832	97000	TRANS, MATERIAL MOVING MACHINE OPS	1,210	1,410	200	16.5	150		
833	97100	MOTOR VEHICLE OPERATORS	900	1,060	160	17.8	100		
834	97102	TRUCK DRIVERS, HEAVY	310	360	50	16.1	30	11	SHORT-TERM ON-THE-JOB TRAINING
835	97105	TRUCK DRIVERS, LIGHT	280	350	70	25.0	30	11	SHORT-TERM ON-THE-JOB TRAINING
836	97108	BUS DRIVERS	120	130	10	8.3	20	10	MODERATE-TERM ON-THE-JOB TRAINING
837	97111	BUS DRIVERS--SCHOOL	100	120	20	20.0	10	11	SHORT-TERM ON-THE-JOB TRAINING
839	97117	DRIVER/SALES WORKERS	60	70	10	16.7	10	11	SHORT-TERM ON-THE-JOB TRAINING
840	97199	MOTOR VEHICLE OPERATORS, NEC	30	30	0	0.0	0	11	SHORT-TERM ON-THE-JOB TRAINING

Table 6
Occupational Employment Projections (1)
1999 - 2006
MOTHER LODE CONSORTIUM

LINE #	CA OES CODE	OCCUPATION	ANNUAL AVERAGES		ABSOLUTE CHANGE	PERCENT CHANGE	OPENINGS DUE TO SEPARATIONS	BLS TRAINING LEVEL	EDUCATION/EXPERIENCE
			1999 (2)	2006					
859	97800	MISC TRANSPORTATION WORKERS	80	80	0	0.0	20		
861	97805	SERVICE STATION ATTENDANTS	80	80	0	0.0	20	11	SHORT-TERM ON-THE-JOB TRAINING
864	97900	MATERIAL MOVEMENT EQUIP OPERATORS	230	270	40	17.4	30		
872	97923	EXCAVATING, LOADING MACHINE OPS	20	30	10	50.0	0	10	MODERATE-TERM ON-THE-JOB TRAINING
877	97938	GRADER, DOZER, SCRAPER OPERATORS	40	40	0	0.0	0	10	MODERATE-TERM ON-THE-JOB TRAINING
880	97947	INDUSTRIAL TRUCK,TRACTOR OPERATORS	60	70	10	16.7	10	11	SHORT-TERM ON-THE-JOB TRAINING
883	97956	OPERATING ENGINEERS	70	80	10	14.3	10	10	MODERATE-TERM ON-THE-JOB TRAINING
884	97989	MATERIAL MOVING EQUIP OPS, NEC	40	50	10	25.0	10	10	MODERATE-TERM ON-THE-JOB TRAINING
886	98000	HELPERS, LABORERS, HAND--EX AG	1,850	2,120	270	14.6	410		
887	98100	MECHANIC AND REPAIRER HELPERS	50	60	10	20.0	20		
888	98102	MECHANIC AND REPAIRER HELPERS, NEC	50	60	10	20.0	20	11	SHORT-TERM ON-THE-JOB TRAINING
889	98300	CONST TRADES, EXTRACTIVE--HELPERS	170	210	40	23.5	70		
891	98312	HELPERS--CARPENTERS AND RELATED	70	80	10	14.3	30	11	SHORT-TERM ON-THE-JOB TRAINING
894	98315	HELPERS--PLUMBERS AND RELATED	30	40	10	33.3	10	11	SHORT-TERM ON-THE-JOB TRAINING
896	98319	HELPERS--CONSTRUCTION TRADES, NEC	70	90	20	28.6	30	11	SHORT-TERM ON-THE-JOB TRAINING
899	98500	MACHINE FEEDERS AND OFFBEARERS	40	50	10	25.0	10		
900	98502	MACHINE FEEDERS AND OFFBEARERS,NEC	40	50	10	25.0	10	11	SHORT-TERM ON-THE-JOB TRAINING
901	98700	FREIGHT, STOCK, MAT MOVERS, HAND	160	170	10	6.3	40		
903	98705	REFUSE COLLECTORS	40	40	0	0.0	10	11	SHORT-TERM ON-THE-JOB TRAINING
904	98799	FREIGHT, MATERIAL MOVERS-HAND, NEC	120	130	10	8.3	30	11	SHORT-TERM ON-THE-JOB TRAINING

Table 6
Occupational Employment Projections (1)
1999 - 2006
MOTHER LODGE CONSORTIUM

LINE #	CA OES CODE	OCCUPATION	ANNUAL AVERAGES		ABSOLUTE CHANGE	PERCENT CHANGE	OPENINGS DUE TO SEPARATIONS	BLS TRAINING LEVEL	EDUCATION/EXPERIENCE
			1999 (2)	2006					
905	98900	MISC HELPERS, LABORERS--HAND	1,430	1,630	200	14.0	270		
906	98902	HAND PACKERS AND PACKAGERS	200	250	50	25.0	40	11	SHORT-TERM ON-THE-JOB TRAINING
907	98905	VEHICLE WASHERS, EQUIP CLEANERS	60	70	10	16.7	10	11	SHORT-TERM ON-THE-JOB TRAINING
908	98999	MISC HELPERS, LABORERS--HAND, NEC	1,170	1,310	140	12.0	220	11	SHORT-TERM ON-THE-JOB TRAINING

(1) Employment and projections contained in these tables are considered estimates. See introduction for an explanation of data limitations.

(2) March 2000 Benchmark

Table 7
Occupations With The Most Openings (1)
(Growth plus Separations)
1999 - 2006
MOTHERLODE COUNTY

CA OES CODE	OCCUPATION	NUMBER OF JOB OPENINGS	BLS TRAINING LEVEL	EDUCATION / EXPERIENCE
49023	CASHIERS	810	11	SHORT-TERM ON-THE-JOB TRAINING
49011	SALESPERSONS, RETAIL	560	11	SHORT-TERM ON-THE-JOB TRAINING
63017	CORRECTION OFFICERS, JAILERS	530	9	LONG-TERM ON-THE-JOB TRAINING
65008	WAITERS AND WAITRESSES	530	11	SHORT-TERM ON-THE-JOB TRAINING
65041	COMBINED FOOD PREP AND SERVICE	330	11	SHORT-TERM ON-THE-JOB TRAINING
55347	GENERAL OFFICE CLERKS	320	11	SHORT-TERM ON-THE-JOB TRAINING
19005	GENERAL MANAGERS, TOP EXECUTIVE	280	4	WORK EXPERIENCE, PLUS A BACHELOR'S OR HIGHER
31305	TEACHERS--ELEMENTARY SCHOOL	260	5	BACHELOR'S DEGREE
65038	FOOD PREPARATION WORKERS	250	11	SHORT-TERM ON-THE-JOB TRAINING
31521	TEACHER AIDES, PARAPROFESSIONAL	220	6	ASSOCIATE DEGREE
63014	POLICE PATROL OFFICERS	220	9	LONG-TERM ON-THE-JOB TRAINING
67002	MAIDS AND HOUSEKEEPING CLEANERS	220	11	SHORT-TERM ON-THE-JOB TRAINING
32502	REGISTERED NURSES	210	6	ASSOCIATE DEGREE
79041	LABORERS, LANDSCAPING/GROUNDSKEEPING	200	11	SHORT-TERM ON-THE-JOB TRAINING
65017	COUNTER ATTENDANTS--FOOD	180	11	SHORT-TERM ON-THE-JOB TRAINING
31308	TEACHERS--SECONDARY SCHOOL	170	5	BACHELOR'S DEGREE
67005	JANITORS, CLEANERS--EXCEPT MAID	170	11	SHORT-TERM ON-THE-JOB TRAINING
87102	CARPENTERS	150	9	LONG-TERM ON-THE-JOB TRAINING
85132	MAINT REPAIRERS, GENL UTILITY	140	9	LONG-TERM ON-THE-JOB TRAINING
65026	COOKS--RESTAURANT	130	9	LONG-TERM ON-THE-JOB TRAINING
27311	RECREATION WORKERS	120	5	BACHELOR'S DEGREE
49017	COUNTER AND RENTAL CLERKS	120	11	SHORT-TERM ON-THE-JOB TRAINING
55305	RECEPTIONISTS, INFORMATION CLERKS	120	11	SHORT-TERM ON-THE-JOB TRAINING
31321	INSTRUCTORS AND COACHES--SPORTS	110	10	MODERATE-TERM ON-THE-JOB TRAINING
55108	SECRETARIES, GENERAL	110	7	POST-SECONDARY VOCATIONAL EDUCATION

Table 7
Occupations With The Most Openings (1)
(Growth plus Separations)
1999 - 2006
MOTHERLODE COUNTY

CA OES CODE	OCCUPATION	NUMBER OF JOB OPENINGS	BLS TRAINING LEVEL	EDUCATION / EXPERIENCE
55338	BOOKKEEPING, ACCOUNTING CLERKS	110	10	MODERATE-TERM ON-THE-JOB TRAINING
49008	SALES REPS, NON-SCIENTIFIC EX RETAIL	100	10	MODERATE-TERM ON-THE-JOB TRAINING
66008	NURSE AIDES, ORDERLIES, ATTENDANTS	100	11	SHORT-TERM ON-THE-JOB TRAINING
97105	TRUCK DRIVERS, LIGHT	100	11	SHORT-TERM ON-THE-JOB TRAINING
85302	AUTOMOTIVE MECHANICS	90	9	LONG-TERM ON-THE-JOB TRAINING
98902	HAND PACKERS AND PACKAGERS	90	11	SHORT-TERM ON-THE-JOB TRAINING
49021	STOCK CLERKS--SALES FLOOR	80	11	SHORT-TERM ON-THE-JOB TRAINING
53808	HOTEL DESK CLERKS	80	11	SHORT-TERM ON-THE-JOB TRAINING
65005	BARTENDERS	80	11	SHORT-TERM ON-THE-JOB TRAINING
65032	COOKS--SPECIALTY FAST FOOD	80	11	SHORT-TERM ON-THE-JOB TRAINING
97102	TRUCK DRIVERS, HEAVY	80	11	SHORT-TERM ON-THE-JOB TRAINING
53102	TELLERS	70	11	SHORT-TERM ON-THE-JOB TRAINING
68014	AMUSEMENT, RECREATION ATTENDANT	70	11	SHORT-TERM ON-THE-JOB TRAINING
31311	TEACHERS--SPECIAL EDUCATION	60	5	BACHELOR'S DEGREE
63008	FIRE FIGHTERS	60	9	LONG-TERM ON-THE-JOB TRAINING
63047	GUARDS AND WATCH GUARDS	60	11	SHORT-TERM ON-THE-JOB TRAINING
65002	HOSTS, HOSTESSES--RESTAURANTS	60	11	SHORT-TERM ON-THE-JOB TRAINING
93956	ASSEMB, FABRICATORS--EX MACH,ELECTRIC	60	11	SHORT-TERM ON-THE-JOB TRAINING
21114	ACCOUNTANTS AND AUDITORS	50	5	BACHELOR'S DEGREE
21911	COMPL, ENFORCE INSPECT--EX CONS	50	8	WORK EXPERIENCE
25104	COMPUTER SUPPORT SPECIALISTS	50	5	BACHELOR'S DEGREE
31314	TEACHERS--VOC ED AND TRAINING	50	8	WORK EXPERIENCE
31514	VOCATIONAL & EDUCATIONAL COUNSELOR	50	3	MASTER'S DEGREE
32505	LICENSED VOCATIONAL NURSES	50	7	POST-SECONDARY VOCATIONAL EDUCATION
49005	SALES REPS, SCIENTIFIC--EX RETAIL	50	10	MODERATE-TERM ON-THE-JOB TRAINING
TOTAL OF THESE OCCUPATIONS		8,240		

(1) Excludes not elsewhere classified (NEC) categories.

Table 8
Occupations With Projected Declines (1)
1999 - 2006
MOTHERLODE COUNTY

CA OES CODE	OCCUPATION	ANNUAL AVERAGES		NUMBER OF JOB DECLINES	OPENINGS DUE TO SEPARATIONS	BLS TRAINING LEVEL	EDUCATION / EXPERIENCE
		1999 (2)	2006				
55307	TYPISTS, INCLUDING WORD PROCESSING	240	200	-40	30	10	MODERATE-TERM ON-THE-JOB TRAINING
TOTAL OF THESE OCCUPATIONS		240	200	-40	30		

(1) Excludes not elsewhere classified (NEC) categories.

(2) March 2000 Benchmark

Appendix

Alphabetical Index of Occupations

OCCUPATION	LINE NUMBER	CALIFORNIA OES CODE
ABLE SEAMEN	854	97514
ACCOUNTANTS AND AUDITORS	30	21114
ACCOUNTANTS, AUDIT, FINANCE SPECIALISTS	25	21100
ACTUARIES	114	25313
ADJUDICATORS, JUDICIAL REVIEWERS	137	28105
ADJUSTMENT CLERKS	309	53123
ADMINISTRATIVE SERVICES MANAGERS	7	13014
ADVERTISING CLERKS	333	53908
AERONAUT, ASTRONAUTICAL ENGINEERS	53	22102
AGRICULTURE, FORESTRY, FISHING--NEC	489	79999
AGRICULTURAL SCIENCES TEACHERS, POSTSECONDARY	150	31201
AGRICULTURAL AND FOOD SCIENTISTS	91	24305
AGRICULTURAL ENGINEERS	60	22123
AGRICULTURAL, FORESTRY, FISHING	466	70000
AIR DISPATCHERS, AIR TRAFFIC CONTROLLER	267	39002
AIR HAMMER OPERATORS	596	87702
AIR TRANSPORTATION WORKERS	857	97700
AIRCRAFT ASSEMBLERS--PRECISION	791	93102
AIRCRAFT ENGINE SPECIALISTS	525	85326
AIRCRAFT MECHANICS	524	85323
AIRCRAFT PILOTS, FLIGHT ENGINEERS	858	97702
AMBULANCE DRIVERS & ATTENDANTS, EX EMER MED TECHS	440	66023
AMUSEMENT, RECREATION ATTENDANTS	454	68014
ANIMAL BREEDERS	479	79015
ANIMAL CARETAKERS--EXCEPT FARM	481	79017
ANIMAL TRAINERS	480	79016
ANNOUNCERS--EX RADIO, TELEVISION	252	34021
ANNOUNCERS--RADIO AND TELEVISION	251	34017
ANTHRO & SOCIOLOGY TEACHERS, POSTSECONDARY	166	31231
APPRAISERS--REAL ESTATE	279	43011
ARCHITECTS AND SURVEYORS	68	22300
ARCHITECTS--EX LANDSCAPE, MARINE	69	22302
ARCHITECTURE TEACHERS, POSTSECONDARY	162	31223
AREA, ETHNIC, & CULT STUDIES TEACHERS, POSTSECONDARY	167	31232
ART, DRAMA, MUSIC TEACHERS, POSTSECONDARY	160	31218
ARTISTS AND RELATED WORKERS	257	34035
ASSEMB, FABRICATORS--EX MACH, ELECT, PRECISION	817	93956
ASSEMBLERS AND FABRICATORS--HAND WORKING	789	93000
ASSEMBLERS, NEC--PRECISION	797	93197
ASSEMBLERS, PRECISION	790	93100
ASSESSORS	48	21917
ATHLETES, COACHES, UMPIRERS, RELATED	265	34058
ATMOSPHERIC AND SPACE SCIENTISTS	86	24108
AUDIO-VISUAL SPECIALISTS	198	31508
AUTOMOTIVE BODY, RELATED REPAIRERS	518	85305
AUTOMOTIVE MECHANICS	517	85302
AUXILIARY EQUIPMENT OPERATORS--POWER	827	95023
BAGGAGE PORTERS AND BELLHOPS	457	68023
BAILIFFS	406	63023
BAKERS--BREAD AND PASTRY	423	65021

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OCCUPATION	LINE NUMBER	CALIFORNIA OES CODE
BAKERS--MANUFACTURING	672	89805
BANKING, SECURITY, FINANCE, CREDIT	301	53100
BARBERS	450	68002
BARTENDERS	418	65005
BICYCLE REPAIRERS	563	85951
BILL AND ACCOUNT COLLECTORS	321	53508
BILLING, COST, AND RATE CLERKS	355	55344
BILLING, POSTING, CALCULATING MACHINE OPERATORS	358	56002
BINDERY MACH SETTERS, SET-UP OPERATORS	743	92525
BINDERY MACHINE OPERATORS	748	92546
BIOLOGICAL SCIENTISTS	92	24308
BIOLOGICAL, AGRICULTURAL &, FOOD TECHS EX HEALTH	96	24502
BLASTERS AND EXPLOSIVES WORKERS	612	87905
BOILER OPS, TENDERS--LOW PRESSURE	770	92926
BOILERMAKERS	638	89135
BOOKBINDERS	668	89721
BOOKKEEPING, ACCOUNTING CLERKS	353	55338
BRATTICE BUILDERS	574	87121
BRICK MASONS	578	87302
BRIDGE, LOCK, LIGHTHOUSE TENDERS	860	97802
BROADCAST NEWS ANALYSTS	250	34014
BROADCAST TECHNICIANS	255	34028
BROKERAGE CLERKS	311	53128
BROKERS--REAL ESTATE	277	43005
BUDGET ANALYSTS	31	21117
BUS AND TRUCK MECHANICS	520	85311
BUS DRIVERS	836	97108
BUS DRIVERS--SCHOOL	837	97111
BUSINESS TEACHERS, POSTSECONDARY	174	31242
BUTCHERS AND MEAT CUTTERS	424	65023
CABINETMAKERS AND BENCH CARPENTERS	644	89311
CAMERA OPERATORS	663	89713
CAMERA OPS--TV AND MOTION PICTURE	254	34026
CAMERA, PHOTOGRAPHIC EQUIPMENT REPAIRERS	552	85914
CANNERY WORKERS	810	93935
CAPTAINS--WATER VESSEL	850	97502
CARDIOLOGY TECHNOLOGISTS	239	32925
CARPENTERS	569	87102
CARPENTERS AND RELATED WORKERS	568	87100
CARPET CUTTERS, DIAGRAMMERS, SEAMERS	809	93932
CARPET INSTALLERS	592	87602
CARPET, FLOOR INSTALLERS	591	87600
CASHIERS	293	49023
CEILING TILE INSTALLERS	570	87105
CEMENTING, GLUING MACHINE OPERATORS, TENDERS	780	92956
CENTRAL OFFICE AND PBX INSTALLERS	529	85502
CENTRAL OFFICE OPERATORS	370	57108
CHEMICAL TECHNICIANS & TECHNOLOGISTS--EX HEALTH	97	24505
CHEMICAL ENGINEERS	57	22114
CHEMICAL EQUIPMENT CONTROLLERS, OPERATORS	773	92935

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OCCUPATION	LINE NUMBER	CALIFORNIA OES CODE
CHEMICAL EQUIPMENT TENDERS	774	92938
CHEMICAL PLANT, SYSTEM OPERATORS	822	95008
CHEMISTRY TEACHERS, POSTSECONDARY	152	31204
CHEMISTS, EXCEPT BIOCHEMISTS	85	24105
CHILD CARE WORKERS	462	68038
CHIROPRACTORS	209	32113
CHOKE SETTERS	471	73005
CIVIL ENGINEERING TECHNICIANS	74	22502
CIVIL ENGINEERS--INCLUDING TRAFFIC	59	22121
CLAIMS EXAMINERS--INSURANCE	49	21921
CLAIMS TAKERS--UNEMPLOYMENT BENEFITS	38	21502
CLEANING, BUILDING SERVICE--EX PRIVATE HOUSES	443	67000
CLEANING, BUILDING SERVICE--EX PRIVATE HOUSES, NEC	448	67099
CLEANING, PICKLING EQUIPMENT OPERATORS, TENDERS	781	92958
CLERGY	131	27502
CLERICAL & ADMINISTRATIVE SUPPORT WORKERS, NEC	391	59999
CLERICAL, ADMINISTRATIVE SUPPORT, NEC	390	59000
CLERICAL, ADMINISTRATIVE SUPPORT	298	50000
COIL WINDERS, TAPERS, FINISHERS	801	93908
COIN, VENDING MACHINE SERVICERS	562	85947
COMB MACHINE TOOL OPERATORS--METAL, PLASTIC	705	91508
COMB MACHINE TOOL SETTERS--METAL, PLASTIC	704	91505
COMBINED FOOD PREPARATION AND SERVICE	430	65041
COMM EQUIPMENT MECHANICS, INSTALLERS, & REPAIRERS	528	85500
COMM EQUIPMENT MECHANICS, INSTALLERS, & REPAIR, NEC	534	85599
COMM, TRANSPORTATION, UTILITIES OPERATIONS MGRS	16	15023
COMMUNICATION EQUIPMENT OPERATORS, NEC	372	57199
COMMUNICATION EQUIPMENT OPERATORS	367	57100
COMMUNICATIONS TEACHERS, POSTSECONDARY	157	31213
COMMUNICATIONS, MAIL DISTRIBUTION	366	57000
COMPLIANCE OFFICERS, ENFORCE INSPECT--EX CONSTRUCTION	46	21911
COMPUTER ENGINEERS	62	22127
COMPUTER OPERATORS--EX PERIPHERAL EQUIPMENT	361	56011
COMPUTER PROGRAMMER AIDES	107	25108
COMPUTER PROGRAMMERS	106	25105
COMPUTER SCIENCE TEACHERS, POSTSECONDARY	164	31226
COMPUTER SCIENTISTS AND RELATED	102	25100
COMPUTER SCIENTISTS, RELATED WORKERS, NEC	109	25199
COMPUTER SUPPORT SPECIALISTS	105	25104
COMPUTER, MATHEMATICAL, OPS RESEARCH, & RELATED	101	25000
CONCRETE AND TERRAZZO FINISHERS	581	87311
CONSTRUCTION AND BUILDING INSPECTORS	45	21908
CONSTRUCTION TRADES, EXTRACTIVE--HELPERS	889	98300
CONSTRUCTION, EXTRACTIVE--EX HELPERS, NEC	624	87999
CONSTRUCTION MANAGERS	14	15017
CONSTRUCTION TRADES	567	87000
CONSTRUCTION TRADES WORKERS, NEC	609	87899
CONSTRUCTION TRADES, NEC	601	87800
CONTINUOUS MINING MACHINE OPERATOR	620	87941
CONVEYOR OPERATORS AND TENDERS	881	97951

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OCCUPATION	LINE NUMBER	CALIFORNIA OES CODE
COOKING MACHINE OPS,TENDERS-FOOD,TOBACCO	767	92917
COOKS--INSTITUTION OR CAFETERIA	426	65028
COOKS--RESTAURANT	425	65026
COOKS--SHORT ORDER	428	65035
COOKS--SPECIALTY FAST FOOD	427	65032
COOLING, FREEZING EQUIPMENT OPERATORS, TENDERS	771	92928
CORRECTION OFFICERS, JAILERS	404	63017
CORRECTIVE, MANUAL ARTS THERAPISTS	216	32311
CORRESPONDENCE CLERKS	346	55317
COST ESTIMATORS	43	21902
COUNTER AND RENTAL CLERKS	291	49017
COUNTER ATTENDANTS--FOOD	422	65017
COURT CLERKS	323	53702
CRANE AND TOWER OPERATORS	879	97944
CREDIT ANALYSTS	27	21105
CREDIT AUTHORIZERS	306	53114
CREDIT CHECKERS	307	53117
CRIMINAL INVESTIGATORS, FEDERAL	408	63028
CRIMINAL JUSTICE & LAW ENFORCEMENT TEACHERS,	176	31246
CROSSING GUARDS	413	63044
CRUSHING, MIXING MACHINE OPERATORS, TENDERS	783	92965
CURATORS, ARCHIVISTS, AND RELATED	199	31511
CUSTOM TAILORS AND SEWERS	649	89505
CUSTOMER SERVICE REPRESENTATIVES--UTILITIES	352	55335
CUTTING, FORMING, FABRICATING, PROCESS MACH SETTER	728	92197
CUTTING, FORMING, FABRICATING, PROCESS MACH OPS	729	92198
CUTTING & SLICING MACHINE SETTERS & SET-UP OPS	775	92941
CUTTERS AND TRIMMERS--HAND	807	93926
CUTTING & SLICING MACHINE OPERATORS & TENDERS	776	92944
DAIRY PROCESSING EQUIPMENT OPERATORS--INC SETTERS	772	92932
DANCERS AND CHOREOGRAPHERS	263	34053
DATA BASE ADMINISTRATORS	104	25103
DATA ENTRY KEYERS--EX COMPOSING	363	56017
DATA KEYERS--COMPOSING	364	56021
DATA PROCESSING EQUIPMENT REPAIRERS	537	85705
DEMONSTRATORS AND PROMOTERS	295	49034
DENTAL ASSISTANTS	433	66002
DENTAL HYGIENISTS	233	32908
DENTAL LABORATORY TECHNICIANS, PRECISION	682	89921
DENTISTS	206	32105
DERRICK OPERATORS--OIL, GAS EXTRACTION	615	87914
DESIGNERS, EX INTERIOR DESIGNERS	258	34038
DETAIL DESIGN DECORATORS, PAINTERS	679	89911
DETECTIVES, INVESTIGATORS--EX PUBLIC	410	63035
DIETETIC TECHNICIANS	229	32523
DIETITIANS AND NUTRITIONISTS	228	32521
DINING ROOM ATTENDANTS, BAR HELPERS	421	65014
DIRECTORS--RELIGIOUS ACTIVITIES, EDUC	132	27505
DIRECTORY ASSISTANCE OPERATORS	369	57105
DISPATCH--EX POLICE, FIRE, AMBULANCE	380	58005

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OCCUPATION	LINE NUMBER	CALIFORNIA OES CODE
DISPATCH--POLICE, FIRE, AMBULANCE	379	58002
DRAFTERS	78	22514
DRAGLINE OPERATORS	873	97926
DREDGE OPERATORS, DIPPER TENDERS	874	97928
DRILLING MACHINE SETTER--METAL, PLASTIC	690	91108
DRIVER/SALES WORKERS	839	97117
DRYWALL INSTALLERS	571	87108
DUPLICATING MACHINE OPERATORS	359	56005
DYERS, PRECISION	654	89521
EARTH DRILLERS, EXCEPT OIL AND GAS	611	87902
ECONOMICS TEACHERS, POSTSECONDARY	168	31233
ECONOMISTS--INCL MARKET RESEARCH ANALYST	120	27102
EDP AND OFFICE MACHINE OCCUPATIONS	357	56000
EDUCATION ADMINISTRATORS	10	15005
EDUCATION TEACHERS, POSTSECONDARY	178	31252
ELECTRICAL INSTALLERS--TRANSPORTATION EQUIPMENT	545	85728
ELECTRICAL AND ELECTRONIC ENGINEERS	61	22126
ELECTRICAL EQUIPMENT MECHANICS, NEC	546	85799
ELECTRIC HOME APPLIANCE & POWER TOOL REPAIRERS	539	85711
ELECTRONIC HOME ENTERTAINMENT EQUIP REPAIRERS	538	85708
ELECTRIC METER INSTALLERS, REPAIRERS	551	85911
ELECTRIC MOTOR, AND RELATED REPAIRERS	540	85714
ELECTRICAL POWERLINE INSTALLERS	543	85723
ELECTRONICS REPAIRERS--COMMERCIAL & INDUSTRIAL	541	85717
ELECTRICAL & ELECTRONIC ENGINEERING TECHS & TECHNOS	75	22505
ELECTRICAL EQUIPMENT ASSEMBLERS--PRECISION	795	93114
ELECTRICAL, ELECTRONIC ASSEMBLERS	800	93905
ELECTRICIANS	576	87202
ELECTRICIANS AND RELATED WORKERS	575	87200
ELECTROCARDIOGRAPH TECHNICIANS	240	32926
ELECTROLYTIC PLATING, MACHINE OPERATORS	719	91921
ELECTROLYTIC PLATING, MACHINE SETTER	718	91917
ELECTROMECHANICAL EQUIPMENT ASSEMBLERS--PRECISION	794	93111
ELECTROMEDICAL, BIOMEDICAL EQUIPMENT REPAIRER	550	85908
ELECTRONEURODIAGNOSTIC TECHNOLOGISTS	238	32923
ELECTRONIC PAGINATION SYSTEM WORKERS	660	89707
ELECTRONIC SEMICONDUCTOR PROCESSOR	762	92902
ELEVATOR INSTALLERS AND REPAIRERS	558	85932
ELEVATOR OPERATORS	447	67011
EMBALMERS	271	39014
EMERGENCY MEDICAL TECHNICIANS	223	32508
EMPLOYMENT INTERVIEWERS--PRIVATE OR PUBLIC	40	21508
ENGINEER, MATH, AND NATURAL SCIENCE MANAGERS	8	13017
ENGINEERING TEACHERS, POSTSECONDARY	161	31222
ENGINEERING, RELATED TECHNICIANS	73	22500
ENGINEERING, RELATED TECHS & TECHNOS, NEC	81	22599
ENGINEERS	52	22100
ENGINEERS, ARCHITECTS, SURVEYORS	51	22000
ENGINEERS, NEC	67	22199
ENGLISH LANG & LIT TEACHERS, POSTSECONDARY	158	31214

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OCCUPATION	LINE NUMBER	CALIFORNIA OES CODE
ENGRAVING, PRINTING WORKERS--HAND	815	93951
ESTIMATORS, DRAFTERS--UTILITIES	79	22517
ETCHERS, ENGRAVERS--PRECISION	636	89128
EXCAVATING, LOADING MACHINE OPERATORS	872	97923
EXTRACTIVE AND RELATED WORKERS	610	87900
EXTRACTIVE WORKERS--EX HELPERS, NEC	623	87989
EXTRUDING MACHINE OPS, TENDERS--SYNTHETIC/GLASS	753	92708
EXTRUDING MACHINE SETTERS--METAL, PLASTIC	698	91311
EXTRUDING, FORMING MACHINE OPERATORS, TENDERS	785	92971
EXTRUDING, FORMING, SETTERS & SET-UP OPERATORS	784	92968
FALLERS AND BUCKERS	470	73002
FARM AND HOME MANAGEMENT ADVISORS	193	31323
FARM EQUIPMENT MECHANICS	523	85321
FARM EQUIPMENT OPERATORS	482	79021
FARMWORKERS-FARM/RANCH ANIMALS	488	79858
FARMWORKERS-FOOD, FIBER CROPS	487	79856
FENCE ERECTORS	608	87817
FILE CLERKS	347	55321
FILM EDITORS	256	34032
FINANCIAL ANALYSTS, STATISTICAL	115	25315
FINANCIAL MANAGERS	3	13002
FINANCIAL SPECIALISTS, NEC	32	21199
FIRE FIGHTERS	401	63008
FIRE FIGHTING & PREVENTION SUPERVISORS	394	61002
FIRE INSPECTORS	399	63002
FIRST-LINE SUP/MGR SERVICE WORKERS, NEC	397	61099
FIRST-LINE SUP/MGR, CLERICAL, ADMINISTRATIVE SUPPORT	299	51000
FIRST-LINE SUP/MGR--AGRICULTURAL, FORESTRY, FISHING	467	72000
FIRST-LINE SUP/MGR-BLUE COLLAR	491	81000
FIRST-LINE SUP/MGR-BLUE COLLAR NEC	497	81099
FIRST-LINE SUP/MGR-CONSTRUCTION	493	81005
FIRST-LINE SUP/MGR-HELP, LABORERS	496	81017
FIRST-LINE SUP/MGR-MECHANICS, INSTALLERS, REPAIRERS	492	81002
FIRST-LINE SUP/MGR-PRODUCTION	494	81008
FIRST-LINE SUP/MGR--SALES	274	41000
FIRST-LINE SUP/MGR--SERVICE	393	61000
FIRST-LINE SUP/MGR-TRANSPORTATION	495	81011
FIRST-LINE SUPERVISORS - AGRICULTURE	468	72002
FISH AND GAME WARDENS	412	63041
FITTERS, STRUCTURAL METAL--PRECISION	793	93108
FLIGHT ATTENDANTS	458	68026
FLOOR LAYERS--EX CARPET, WOOD, TILES	593	87605
FLOOR SANDING MACHINE OPERATORS	594	87608
FOOD AND TOBACCO WORKERS, NEC	674	89899
FOOD BATCHMAKERS	673	89808
FOOD PREPARATION WORKERS	429	65038
FOOD SERVERS--OUTSIDE	420	65011
FOOD SERVICE AND LODGING MANAGERS	17	15026
FOOD SERVICE WORKERS, NEC	431	65099
FOOD WORKERS, PRECISION	670	89800

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FOOD, BEVERAGE PREPARATION AND SERVICE OCCS	416	65000
FOREIGN LANG & LITERATURE TEACHERS, POSTSECONDARY	159	31215
FOREST FIRE INSPECTORS, PREVENT SPECIALISTS	400	63005
FOREST, CONSERVATION WORKERS	476	79002
FORESTERS, CONSERVATION SCIENTISTS	90	24302
FORGING MACHINE SETTERS--METAL, PLASTIC	700	91317
FOUNDRY MOLD ASSEMBLY, SHAKEOUT	717	91914
FOUNDRY MOLD,CORE MAKERS,PRECISION	676	89902
FRAME WIRERS, CENTRAL OFFICE	530	85505
FREIGHT, MATERIAL MOVERS-HAND, NEC	904	98799
FREIGHT, STOCK, MATERIAL MOVERS, HAND	901	98700
FUNERAL ATTENDANTS	463	68041
FUNERAL DIRECTORS AND MORTICIANS	270	39011
FURNACE OPERATORS AND TENDERS	724	91935
FURNACE, KILN, KETTLE OPERATORS, TENDERS	769	92923
FURNITURE FINISHERS	645	89314
GAS APPLIANCE REPAIRERS	561	85944
GAS COMPRESSOR OPERATORS	871	97921
GAS PLANT OPERATORS	821	95005
GAS PUMPING STATION OPERATORS	870	97917
GAUGERS	825	95017
GEM AND DIAMOND WORKERS	684	89926
GENERAL MANAGERS, TOP EXECUTIVES	21	19005
GENERAL OFFICE CLERKS	356	55347
GEOGRAPHY TEACHERS, POSTSECONDARY	169	31234
GEOLOGIST, GEOPHYSICISTS, OCEANOGRAPHERS	87	24111
GLAZIERS	606	87811
GLAZIERS, MANUFACTURING	802	93911
GRADER, DOZER, SCRAPER OPERATORS	877	97938
GRADERS, SORTERS--AGRICULTURAL PRODUCTS	478	79011
GRADUATE ASSISTANTS, TEACHING	149	31117
GRINDING MACHINE SETTER--METAL,PLASTIC	692	91114
GRINDING, POLISHING WORKERS--HAND	816	93953
GUARDS AND WATCH GUARDS	414	63047
GUIDES	455	68017
HAIRDRESSERS, HAIRSTYLISTS	451	68005
HAND COMPOSITORS AND TYPESETTERS	657	89702
HAND PACKERS AND PACKAGERS	906	98902
HAND WORKERS, NEC	818	93999
HAND WORKERS--JEWELRY, PRECISION	635	89126
HARD TILE SETTERS	580	87308
HAZARDOUS MATERIALS REMOVAL WORKERS	603	87803
HEAD SAWYERS	732	92305
HEALTH ASSESSMENT & TREATMENT TEACHERS, POSTSEC	156	31212
HEALTH CARE MAINTENANCE, TREATING	220	32500
HEALTH CARE PROFESSIONALS, PARAPROFS, NEC	244	32999
HEALTH DIAGNOSING, TREATING	204	32100
HEALTH DIAGNOSING, TREATING, NEC	211	32199
HEALTH DIAGNOSTICS TEACHERS, POSTSECONDARY	155	31211
HEALTH PRACTITIONERS, TECHS, RELATED	203	32000

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OCCUPATION	LINE NUMBER	CALIFORNIA OES CODE
HEALTH SERVICE WORKERS, NEC	442	66099
HEALTH SERVICE, RELATED OCCS	432	66000
HEAT TREATING MACHINE OPS, TENDERS	723	91932
HEATERS, METAL & PLASTIC	725	91938
HEATING EQUIP SETTERS-METAL, PLASTIC	722	91928
HEATING, AC, REFRIGERATION MECHANICS	548	85902
HELPERS, LABORERS, HAND-EX AGRICULTURE & FORESTRY	886	98000
HELPERS--BRICK,STONE MASONS	890	98311
HELPERS--CARPENTERS AND RELATED	891	98312
HELPERS--CONSTRUCTION TRADES, NEC	896	98319
HELPERS--CONST TRADES & EXTRACT WORKERS	898	98399
HELPERS--ELECTRICIANS, POWERLINE INSTALLERS	892	98313
HELPERS--EXTRACTIVE WORKERS	897	98323
HELPERS--PAINTERS AND RELATED	893	98314
HELPERS--PLUMBERS AND RELATED	894	98315
HELPERS--ROOFERS	895	98316
HIGHWAY MAINTENANCE WORKERS	599	87711
HISTORY TEACHERS, POSTSECONDARY	170	31235
HOIST AND WINCH OPERATORS	878	97941
HOME ECONOMICS TEACHERS, POSTSECONDARY	182	31262
HOME HEALTH CARE WORKERS	436	66011
HOSTS, HOSTESSES--RESTAURANTS	417	65002
HOTEL DESK CLERKS	329	53808
HOUSEKEEPING SUPERVISORS	396	61008
HUMAN SERVICES WORKERS	128	27308
INDUSTRIAL ENGINEERING TECHS & TECHNOS	76	22508
INDUST ENGINEERS--EXCEPT SAFETY	63	22128
INDUSTRIAL PRODUCTION MANAGERS	13	15014
INDUSTRIAL TRUCK,TRACTOR OPERATORS	880	97947
INDUSTRY SPECIFIC CLERICAL, ADMINISTRATIVE SUPPORT	300	53000
INSURANCE ADJUSTERS, EXAMINERS, INVESTIGATORS	313	53302
INSPECTORS, RELATED OCCUPATIONS	498	83000
INSPECTORS, TESTERS, RELATED, NEC	502	83099
INSPECTORS,TESTERS,& GRADERS,PRECISION	499	83002
INSTALLER & REPAIRER, MOBILE HOME	560	85938
INSTRUCTIONAL COORDINATORS	201	31517
INSTRUCTORS AND COACHES--SPORTS	192	31321
INSTRUCTORS--NON-VOCATIONAL EDUCATION	191	31317
INSTRUMENT MAKERS, PRECISION	628	89105
INSTRUMENT REPAIRERS, PRECISION	549	85905
INSULATION WORKERS	602	87802
INSURANCE APPRAISERS--AUTO DAMAGE	314	53305
INSURANCE CLAIMS CLERKS	316	53311
INSURANCE EXAMINING CLERKS	315	53308
INSURANCE POLICY PROCESSING CLERKS	317	53314
INSURANCE WORKERS	312	53300
INTERIOR DESIGNERS	259	34041
INTERVIEW CLERKS--EX PERSONNEL, WELFARE	351	55332
INVESTIGATIVE, RELATED, EX INSURANCE	318	53500
INVESTIGATORS--CLERICAL	320	53505

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OCCUPATION	LINE NUMBER	CALIFORNIA OES CODE
JANITORS, CLEANERS--EXCEPT MAIDS	445	67005
JEWELERS AND SILVERSMITHS	634	89123
JOB PRINTERS	658	89705
JUDGES AND MAGISTRATES	136	28102
LABORERS, LANDSCAPING/GROUNDSKEEPING	485	79041
LANDSCAPE ARCHITECTS	71	22308
LATHE MACHINE SETTERS--METAL, PLASTIC	689	91105
LATHERS	573	87114
LAW AND RELATED OCCUPATIONS	134	28000
LAW CLERKS	140	28302
LAW TEACHERS, POSTSECONDARY	175	31244
LAWN SERVICE MANAGER	19	15032
LAWYERS	138	28108
LAWYERS AND RELATED WORKERS	135	28100
LAYOUT WORKERS--METAL, PRECISION	632	89117
LECTURERS	147	31111
LEGAL ASSISTANTS, TECHNICIANS, EX CLERICAL	139	28300
LEGAL ASSISTANTS, TECHNICIANS--EX CLERICAL, NEC	144	28399
LETTERPRESS SETTERS, SET-UP OPERATORS	739	92515
LIBRARIANS, ARCHIVISTS AND RELATED	195	31500
LIBRARIANS--PROFESSIONAL	196	31502
LIBRARY ASSISTANTS & BOOKMOBILE DRIVERS	331	53902
LIBRARY SCIENCE TEACHERS, POSTSECONDARY	180	31256
LICENSE CLERKS	325	53708
LICENSED VOCATIONAL NURSES	222	32505
LIFE SCIENCES TEACHERS, POSTSECONDARY	151	31202
LIFE SCIENTISTS	89	24300
LIFE SCIENTISTS, NEC	94	24399
LITHOGRAPHY & PHOTOENGRAVING WORKERS, NEC	667	89719
LITHOGRAPHY & PHOTOENGRAVING, PRECISION	661	89710
LAUNDRY, DRYCLEAN MACH OPS--EX PRESS	759	92726
LOADING MACHINE OPERATORS--MINING	875	97932
LOAN AND CREDIT CLERKS	308	53121
LOAN INTERVIEWERS	305	53111
LOAN OFFICERS AND COUNSELORS	28	21108
LOCKSMITHS AND SAFE REPAIRERS	555	85923
LOCOMOTIVE ENGINEERS	843	97305
LOCOMOTIVE FIRERS	845	97311
LODGING AND TRAVEL WORKERS	326	53800
LOG GRADERS AND SCALERS	477	79008
LOG HANDLING EQUIPMENT OPERATORS	472	73008
LOGGING TRACTOR OPERATORS	473	73011
LONGSHORE EQUIPMENT OPERATORS	865	97902
MACHINE BUILDERS & OTHER PRECISION MACH ASSEMBLER	792	93105
MACHINE FORMING OPS, TENDERS--METAL, PLASTIC	701	91321
MACHINE FORMING SETTERS--METAL, PLASTIC	694	91300
MACHINE SETTER, SET-UP, OP--EX METAL, PLASTIC	761	92900
MACHINE SETTERS, SET-UP OPERATORS, & TENDERS	686	91000
MACHINE TOOL CUTTING OPS--METAL, PLASTIC	693	91117
MACHINE TOOL CUTTING--METAL, PLASTIC	687	91100

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OCCUPATION	LINE NUMBER	CALIFORNIA OES CODE
MACHINE TOOL SETTERS, OPS--METAL, PLASTIC	702	91500
MACHINE ASSEMBLERS	799	93902
MACHINE FEEDERS AND OFFBEARERS	899	98500
MACHINE FEEDERS AND OFFBEARERS, NEC	900	98502
MACHINE OPERATORS AND TENDERS, NEC	788	92998
MACHINE SETTERS & SET-UP OPERATORS, NEC	787	92997
MACHINERY AND RELATED MECHANICS	504	85100
MACHINERY MAINT MECHANICS, NEC	511	85119
MACHINERY MAINTENANCE MECHANICS	505	85110
MACHINERY MAINTENANCE WORKERS	514	85128
MACHINISTS	629	89108
MAIDS AND HOUSEKEEPING CLEANERS	444	67002
MAIL CLERKS-EX MAIL MACHINE OPERATORS, POSTAL	374	57302
MAIL MACHINE OPERATORS--PREP AND HANDLING	360	56008
MAIL, MESSAGE DISTRIBUTION WORKERS	373	57300
MAIN LINE STATION ENGINEERS	869	97914
MAINTENANCE MECHANICS--MARINE EQUIP	508	85116
MAINTENANCE MECHANICS--WATER, POWER	510	85118
MAINTENANCE REPAIRERS, GENERAL UTILITY	515	85132
MAINTENANCE MECHANICS--SEWING MACHINE	507	85113
MAINTENANCE MECHANICS--TEXTILE	506	85112
MANAGEMENT ANALYSTS	44	21905
MANAGEMENT SUPPORT OCCUPATIONS	24	21000
MANAGEMENT SUPPORT WORKERS, NEC	50	21999
MANAGERS AND ADMINISTRATORS, NEC	22	19999
MANICURISTS	452	68008
MARINE ARCHITECTS	70	22305
MARINE ENGINEERS	66	22138
MARKING CLERKS	385	58021
MASONS AND RELATED WORKERS	577	87300
MATERIAL MOVEMENT EQUIPMENT OPERATORS	864	97900
MATERIAL MOVING EQUIP OPERATORS, NEC	884	97989
MATERIAL RECORDING, DISPATCHING	378	58000
MATERIAL RECORDING, RELATED, NEC	389	58099
MATES--SHIP, BOAT, AND BARGE	851	97505
MATH SCIENTISTS AND RELATED	110	25300
MATHEMATICAL SCIENCES TEACHERS, POSTSECONDARY	163	31224
MATHEMATICAL SCIENTISTS	112	25310
MATHEMATICAL SCIENTISTS, NEC	116	25319
MATHEMATICAL TECHNICIANS	117	25323
MEAT, POULTRY, FISH CUTTERS--HAND	811	93938
MECHANICAL CONTROL, VALVE INSTALLERS	557	85928
MECHANIC AND REPAIRER HELPERS	887	98100
MECHANIC AND REPAIRER HELPERS, NEC	888	98102
MECHANICAL ENGINEERING TECHNICIANS	77	22511
MECHANICAL ENGINEERS	65	22135
MECHANICS, INSTALLERS, REPAIRERS	503	85000
MECHANICS, NEC	527	85399
MECHANICS, INSTALLERS, REPAIRERS, NEC	566	85999
MEDICAL, CLINICAL LAB ASSISTANTS	232	32905

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OCCUPATION	LINE NUMBER	CALIFORNIA OES CODE
MEDICAL, CLINICAL LAB TECHNOLOGISTS	231	32902
MEDICAL APPLIANCE MAKERS	683	89923
MEDICAL ASSISTANTS	434	66005
MEDICAL RECORDS TECHNICIANS	234	32911
MEDICAL SCIENTISTS	93	24311
MEDICINE, HEALTH SERVICES MANAGERS	11	15008
MENDERS, GARMENTS AND LINENS	565	85956
MERCHANDISE DISPLAYERS, WINDOW TRIMMERS	260	34044
MERCHANDISE, PRODUCTS AND OTHER SALES	285	49000
MESSENGERS	377	57311
METAL FABRICATING MACH SETTERS, OPS	706	91700
METAL FABRICATOR, STRUCTURAL METAL PRODUCTS	711	91714
METAL MOLDING MACHINE OPERATORS AND TENDERS	716	91911
METAL MOLDING, MACHINE SETTER, SET-UP	715	91908
METAL POURERS, CASTERS--BASIC	812	93941
METAL WORKERS, NEC--PRECISION	639	89199
METAL WORKERS, PRECISION	626	89100
METAL, PLASTIC MACHINE SETTERS, OPS NEC	727	92100
METAL, PLASTIC PROCESS MACHINE SETTERS	712	91900
METALLURGISTS, RELATED ENGINEERS	54	22105
METER READERS--UTILITIES	383	58014
MANAGERS AND ADMINISTRATIVE OCCUPATIONS	2	10000
MILLING MACHINE SETTERS--METAL, PLASTIC	691	91111
MILLWRIGHTS	512	85123
MINE CUTTING, CHANNELING MACHINE OPERATORS	621	87943
MINING ENGINEERS--INCL MINE SAFETY	55	22108
MINING MACHINE OPERATORS	619	87940
MINING MACHINE OPERATORS, NEC	622	87949
MINING, OIL AND GAS, RELATED MANAGERS	15	15021
MISC AGRICULTURE, FORESTRY, FISHING	475	79000
MISC HELPERS, LABORERS--HAND	905	98900
MISC HELPERS, LABORERS--HAND, NEC	908	98999
MISC INDUSTRY SPECIFIC CLERICAL	330	53900
MISC MECHANICS, INSTALLERS, REPAIRERS	547	85900
MISC METAL, PLASTIC MACHINE SETTERS OPERATORS	726	91999
MISC PERSONAL SERVICE OCCUPATIONS	449	68000
MISC PROFESSIONALS, PARAPROFS, TECHNICAL	266	39000
MISC SECRETARIAL, GENERAL OFFICE OCCS	341	55300
MISC SERVICE WORKERS	464	69000
MISC TRANSPORTATION WORKERS	859	97800
MARKETING, ADVERTISING, PUBLIC-RELATIONS MANAGERS	6	13011
MOBILE EQUIPMENT MECHANICS, REPAIRERS	516	85300
MOBILE HEAVY EQUIP MECHANICS--EX ENGINE	521	85314
MODELS	296	49036
MOLDERS AND CASTERS--HAND	813	93944
MOLDERS, SHAPERS--EX JEWELRY	677	89905
MOTION PICTURE PROJECTIONISTS	763	92905
MOTOR VEHICLE OPERATORS	833	97100
MOTOR VEHICLE OPERATORS, NEC	840	97199
MOTORBOAT OPERATORS	853	97511

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OCCUPATION	LINE NUMBER	CALIFORNIA OES CODE
MOTORCYCLE REPAIRERS	519	85308
MUNICIPAL CLERKS	324	53705
MUNICIPAL WORKERS	322	53700
MUSIC DIRECTORS, SINGERS, COMPOSERS	261	34047
MUSICAL INSTRUMENT REPAIRERS AND TUNERS	554	85921
MUSICIANS--INSTRUMENTAL	262	34051
NATURAL SCIENTISTS AND RELATED WORKERS	82	24000
NUMERICAL TOOL, PROCESS PROGRAMMERS	108	25111
NEW ACCOUNTS CLERKS	303	53105
NONELECTROLYTIC PLATING & COATING MACHINE-OPS	721	91926
NONELECTROLYTIC PLATING MACHINE-SETTERS & SET-UP	720	91923
NUCLEAR ENGINEERS	58	22117
NUCLEAR MEDICINE TECHNOLOGISTS	236	32914
NUCLEAR TECHNICIANS	98	24508
NUMERICAL MACHINE TOOL OPS--METAL, PLASTIC	703	91502
NURSE AIDES, ORDERLIES, ATTENDANTS	435	66008
NURSERY & GREENHOUSE MANAGER	18	15031
NURSING INSTRUCTORS, POSTSECONDARY	148	31114
OCCUPATIONAL THERAPISTS	214	32305
OCCUPATIONAL THERAPY ASSISTANTS	439	66021
OCCUPATIONS NOT CLASSIFIED	909	
OFFICE MACHINE, CASH REGISTER SERVICERS	556	85926
OFFICE MACHINE OPERATORS, NEC	365	56099
OFFSET LITHOGRAPHIC PRESS SETTERS	738	92512
OIL PUMPERS--EXCEPT WELL HEAD	867	97908
OPERATING ENGINEERS	883	97956
OPERATIONS & SYSTEMS RESEARCHERS--EX COMPUTER	111	25302
OPTICAL GOODS WORKERS, PRECISION	681	89917
OPTICIANS--DISPENSING, MEASURING	225	32514
OPTOMETRISTS	207	32108
ORDER CLERKS--MATERIALS, SERVICE	348	55323
ORDER FILLERS--WHOLESALE & RETAIL SALE	387	58026
ORDINARY SEAMEN AND MARINE OILERS	855	97517
OTHER SOCIAL SCIENCE RELATED WORKERS	124	27300
OTHER ELECTRICAL EQUIPMENT MECHANICS	535	85700
OTHER HAND WORKERS	798	93900
OTHER HEALTH PROFESSIONALS, PARAPROFS	230	32900
OTHER MANAGEMENT SUPPORT WORKERS	42	21900
OTHER PRECISION WORKERS	675	89900
OTHER PROFESSIONALS, PARAPROF, TECHNICAL	272	39999
OTHER TEACHERS AND INSTRUCTORS	184	31300
PACKAGING, FILLING MACHINE OPERATORS, TENDERS	786	92974
PAINT, COAT & SPRAY MACHINE SETTERS	778	92951
PAINTERS AND RELATED WORKERS	584	87400
PAINTERS, PAPERHANGERS--CONSTRUCTION	585	87402
PAINTERS, TRANSPORTATION EQUIPMENT	777	92947
PAINTING, COATING, DECORATING--HAND	814	93947
PAINTING, RELATED MACHINE OPERATORS, TENDERS	779	92953
PAPER GOODS MACHINE SETTERS, SET-UP OPERATORS	766	92914
PARALEGAL PERSONNEL	141	28305

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OCCUPATION	LINE NUMBER	CALIFORNIA OES CODE
PARKING ENFORCEMENT OFFICERS	405	63021
PARKING LOT ATTENDANTS	862	97808
PARKS, REC, LEISURE, FITNESS STUDIES TEACHERS, POST	181	31258
PASTE UP WORKERS	659	89706
PATTERN AND MODEL MAKERS--METAL	631	89114
PATTERN AND MODEL MAKERS--WOOD	641	89302
PATTERN MARKERS--WOOD	642	89305
PATTERNMAKERS AND LAYOUT WORKERS	648	89502
PATTERNMAKERS, MODEL MAKERS, LAYOUT	678	89908
PAVING, TAMPING-EQUIPMENT OPERATORS	598	87708
PAYROLL AND TIMEKEEPING CLERKS	354	55341
PERIPHERAL EDP EQUIPMENT OPERATORS	362	56014
PERSONNEL CLERKS--EX PAYROLL	345	55314
PERSONNEL, TRAINING, LABOR-RELATIONS MANAGERS	4	13005
PERSONNEL, TRAINING, LABOR-RELATIONS SPECIALISTS	37	21500
PERSONNEL, TRAINING, LABOR-RELATIONS SPECIALISTS, NEC	41	21511
PERSONAL AND HOME CARE AIDES	461	68035
PEST CONTROLLERS AND ASSISTANTS	446	67008
PETROLEUM REFINERY, CONTROL PANEL OPERATORS	824	95014
PETROLEUM ENGINEERS	56	22111
PETROLEUM PUMP SYSTEM OPERATORS	823	95011
PETROLEUM TECHNICIANS	99	24511
PHARMACISTS	226	32517
PHARMACY AIDES	441	66026
PHARMACY TECHNICIANS	227	32518
PHILOSOPHY & RELIGION TEACHERS, POSTSECONDARY	179	31254
PHOTOENGRAVERS	662	89712
PHOTOENGRAVING, LITHOGRAPHING MACHINE OPERATORS	747	92545
PHOTOGRAPHERS	253	34023
PHOTOGRAPHIC PROCESSING MACHINE OPS & TENDERS	764	92908
PHOTOGRAPHIC PROCESS WORKER, PRECISION	680	89914
PHYSICAL SCIENCE TEACHERS, POSTSECONDARY	154	31209
PHYSICAL SCIENTISTS	83	24100
PHYSICAL SCIENTISTS, NEC	88	24199
PHYSICAL THERAPISTS	215	32308
PHYSICAL THERAPY ASSISTANTS & AIDES	438	66017
PHYSICAL, LIFE SCIENCE TECHNICIANS	95	24500
PHYSICAL, LIFE SCIENCE TECHNICIANS, NEC	100	24599
PHYSICIANS AND SURGEONS	205	32102
PHYSICIAN'S ASSISTANTS	224	32511
PHYSICISTS AND ASTRONOMERS	84	24102
PHYSICS TEACHERS, POSTSECONDARY	153	31206
PILE DRIVING OPERATORS	597	87705
PILOTS--SHIP	852	97508
PIPELAYERS	589	87508
PIPELAYING FITTERS	588	87505
PLANT AND SYSTEM OCCUPATIONS	819	95000
PLANT AND SYSTEM OPERATORS, NEC	831	95099
PLAST MOLDING, CASTING MACHINE SETTER	713	91902
PLASTERERS AND STUCCO MASONS	583	87317

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OCCUPATION	LINE NUMBER	CALIFORNIA OES CODE
PLASTIC MOLDING, CASTING MACHINE OPS	714	91905
PLATEMAKERS	666	89718
PLUMBERS AND RELATED WORKERS	586	87500
PLUMBERS, PIPEFITTERS, STEAMFITTER	587	87502
PODIATRISTS	208	32111
POLICE AND DETECTIVE SUPERVISORS	395	61005
POLICE DETECTIVES	402	63011
POLICE PATROL OFFICERS	403	63014
POLITICAL SCIENCE TEACHERS, POSTSECONDARY	171	31236
PORTABLE MACHINE CUTTERS	808	93928
POSTAL MAIL CARRIERS	375	57305
POSTAL SERVICE CLERKS	376	57308
POSTMASTERS, MAIL SUPERINTENDENTS	9	15002
POSTSECONDARY TEACHERS	146	31100
POSTSECONDARY TEACHERS, NEC	183	31299
POWER DISTRIBUTORS AND DISPATCHERS	829	95028
POWER PLANT OPS--EX AUXILIARY EQUIPMENT	826	95021
POWER REACTOR OPERATORS	828	95026
POWERHOUSE, RELATED ELECTRICIANS	542	85721
PRESS MACHINE SETTERS--METAL, PLASTIC	696	91305
PRESSERS--DELICATE FABRICS	653	89517
PRESSERS--HAND	805	93921
PRESSING MACH OPS--TEXTILE, GARMENT	760	92728
PRINT PRESS SETTERS, SET UP OPS	737	92510
PRINT PRESS SETTERS, SET-UP OPS NEC	740	92519
PRINT REL SETTERS, SET-UP OPS, NEC	744	92529
PRINT, BINDING, RELATED MACHINE OPS, TENDER	749	92549
PRINTING PRESS MACHINE OPS, TENDER	746	92543
PRINTING WORKERS, NEC--PRECISION	669	89799
PRINTING WORKERS, PRECISION	656	89700
PRINTING, BINDING, RELATED WORKERS	736	92500
PROCUREMENT CLERKS	349	55326
PROD INSPECTORS, TESTERS, & GRADER	500	83005
PROD, CONST, OPER, MATERIAL HANDLING	490	80000
PROD, PLANNING, EXPEDITING CLERKS	381	58008
PRODUCERS, DIRECTORS, ACTORS	264	34056
PRODUCTION OCCUPATIONS, PRECISION	625	89000
PROFESSIONAL, PARAPROF, TECHNICAL	23	20000
PROOFREADERS AND COPY MARKERS	334	53911
PROPERTY AND REAL ESTATE MANAGERS	12	15011
PROTECTIVE SERVICE OCCUPATIONS	398	63000
PROTECTIVE SERVICE WORKERS, NEC	415	63099
PRUNERS	483	79033
PSYCHIATRIC AIDES	437	66014
PSYCHIATRIC TECHNICIANS	242	32931
PSYCHOLOGISTS	122	27108
PSYCHOLOGY TEACHERS, POSTSECONDARY	172	31237
PUBLIC ADMIN CHIEF EXECUTIVES, LEGISLATORS	20	19002
PUBLIC RELATIONS SPECIALISTS, PUBLICITY WRITERS	248	34008
PUMP OPERATORS	882	97953

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OCCUPATION	LINE NUMBER	CALIFORNIA OES CODE
PUNCH MACHINE SETTERS--METAL, PLASTIC	695	91302
PURCHASING AGENTS AND BUYERS--FARM PRODUCTS	35	21305
PURCHASING AGENTS--EX WHOLESALE, RETAIL, FARM PRODS	36	21308
PURCHASING AGENTS AND BUYERS	33	21300
PURCHASING MANAGERS	5	13008
RADIATION THERAPISTS	235	32913
RADIO MECHANICS	533	85514
RADIO OPERATORS	269	39008
RADIOLOGIC TECHNOLOGISTS	237	32919
RAIL CAR REPAIRERS	522	85317
RAIL TRANSPORTATION WORKERS	841	97300
RAIL VEHICLE OPERATIVES, NEC	848	97399
RAIL YARD ENGINEERS AND RELATED	844	97308
RAILROAD BRAKE, SIGNAL, SWITCH OPERATORS	847	97317
RAILROAD CONDUCTORS, YARDMASTERS	842	97302
RAILROAD, TRANSIT POLICE, SPECIAL AGENTS	411	63038
RAIL-TRACK LAYING, MAINTENANCE EQUIPMENT OPS	600	87714
REAL ESTATE CLERKS	335	53914
RECEPTIONISTS, INFORMATION CLERKS	343	55305
RECREATION WORKERS	129	27311
RECREATIONAL THERAPISTS	218	32317
REFRACTORY MATERIALS REPAIRERS	513	85126
REFUSE COLLECTORS	903	98705
REGISTERED NURSES	221	32502
REINFORCING METAL WORKERS	582	87314
RELIGIOUS WORKERS	130	27500
RELIGIOUS WORKERS, NEC	133	27599
REPORTERS AND CORRESPONDENTS	249	34011
RESERVATION, TRANS TICKET AGENTS	328	53805
RESIDENTIAL COUNSELORS	127	27307
RESPIRATORY CARE PRACTITIONERS	213	32302
RIGGERS	559	85935
ROASTING, BAKING MACHINE OPERATORS--FOOD	768	92921
ROCK SPLITTERS, QUARRY	613	87908
ROLLING MACH SETTERS--METAL, PLASTIC	699	91314
ROOF BOLTERS	618	87923
ROOFERS	605	87808
ROTARY DRILL OPERATORS--OIL, GAS EXTRACT	614	87911
ROUSTABOUTS	617	87921
SAFETY ENGINEERS--EXCEPT MINING	64	22132
SALES AGENTS, PLACERS--INSURANCE	276	43002
SALES AGENTS--ADVERTISING	283	43023
SALES AGENTS--FINANCIAL SERVICES	280	43014
SALES AGENTS--REAL ESTATE	278	43008
SALES AGENTS--SELECTED BUSINESS SERVICES	281	43017
SALES AGENTS--SERVICE	275	43000
SALES AND RELATED OCCUPATIONS	273	40000
SALES AND RELATED WORKERS, NEC	297	49999
SALES ENGINEERS	286	49002
SALES REPRESENTATIVES, NON-SCIENTIFIC EX RET	288	49008

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OCCUPATION	LINE NUMBER	CALIFORNIA OES CODE
SALES REPRESENTATIVES, SCIENTIFIC--EX RETAIL	287	49005
SALES REPRESENTATIVES, SERVICE--NEC	284	43099
SALESPERSONS, RETAIL	289	49011
SALESPERSONS--PARTS	290	49014
SAW MACHINE TOOL SETTERS--METAL, PLASTIC	688	91102
SAWING MACHINE OPERATORS AND TENDERS	733	92308
SAWING MACHINE SETTERS, SET-UP OPERATORS	731	92302
SCANNER OPERATORS	664	89715
SCREEN PRINT MACHINE SETTERS, SET-UP	742	92524
SECRETARIAL, GENERAL OFFICE OCCUPATIONSS	336	55000
SECRETARIES	337	55100
SECRETARIES, GENERAL	340	55108
SECRETARIES, LEGAL	338	55102
SECRETARIES, MEDICAL	339	55105
SELECTED ROAD, RAIL AND RELATED	595	87700
SEPARATING, STILL MACHINE OPS, TENDERS	782	92962
SEPTIC TANK, SEWER PIPE SERVICERS	590	87511
SERVICE OCCUPATIONS	392	60000
SERVICE STATION ATTENDANTS	861	97805
SERVICE UNIT OPERATORS	616	87917
SERVICE WORKERS, NEC	465	69999
SEWERS--HAND	806	93923
SEWING MACHINE OPERATORS--GARMENT	756	92717
SEWING MACHINE OPS--NON-GARMENT	757	92721
SHAMPOOERS	453	68011
SHEAR MACHINE SETTERS--METAL, PLASTIC	697	91308
SHEET METAL DUCT INSTALLERS	604	87805
SHEET METAL WORKERS	637	89132
SHERIFFS AND DEPUTY SHERIFFS	409	63032
SHIP ENGINEERS	856	97521
SHIPFITTERS	633	89121
SHOE AND LEATHER WKRS--PRECISION	651	89511
SHOE SEWING MACHINE OPS, TENDERS	758	92723
SHUTTLE CAR OPERATORS	876	97935
SIGNAL OR TRACK SWITCH MAINTAINERS	532	85511
SLAUGHTERERS AND BUTCHERS	671	89802
SMALL ENGINE SPECIALISTS	526	85328
SOCIAL SCI, RECREATION, RELIGIOUS	118	27000
SOCIAL SCIENCE TEACHERS, POSTSECONDARY	165	31230
SOCIAL SCIENCES TEACHERS, POSTSECONDARY	173	31239
SOCIAL SCIENTISTS, NEC	123	27199
SOCIAL SCIENCE--INCL URBAN, REGIONAL PLANNERS	119	27100
SOCIAL WORKERS--EX MEDICAL, PSYCHIATRIC	126	27305
SOCIAL WORK TEACHERS, POSTSECONDARY	177	31247
SOCIAL WORKERS--MEDICAL, PSYCHIATRIC	125	27302
SOLDERERS AND BRAZERS	804	93917
SOLDERING, BRAZING MACH OPS, TENDERS	710	91711
SOLDERING, BRAZING MACH SETTERS	709	91708
SPEC MATERL PRINTING MACH SETTERS	741	92522
SPECIAL AGENTS--INSURANCE	39	21505

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OCCUPATION	LINE NUMBER	CALIFORNIA OES CODE
SPEECH PATHOLOGISTS, AUDIOLOGISTS	217	32314
SPOTTERS--DRY CLEANING	652	89514
SPRAYERS, APPLICATORS	484	79036
STATEMENT CLERKS	310	53126
STATION INSTALLERS--TELEPHONE	544	85726
STATIONARY ENGINEERS	830	95032
STATISTICAL CLERKS	350	55328
STATISTICIANS	113	25312
STENOGRAPHERS AND/OR COURT REPORTER	342	55302
STEVEDORES--EX EQUIPMENT OPERATORS	902	98702
STOCK CLERKS--SALES FLOOR	292	49021
STOCK CLERKS--STOCKROOM, WAREHOUSE	386	58023
STONE MASONS	579	87305
STRIPPERS	665	89717
STRUCTURAL METAL WORKERS	607	87814
SUBWAY AND STREETCAR OPERATORS	846	97314
SURGICAL TECHNICIANS	241	32928
SURVEYING AND MAPPING SCIENTISTS	72	22311
SURVEYING AND MAPPING TECHNICIANS	80	22521
SWITCHBOARD OPERATORS	368	57102
SYSTEMS ANALYSTS--ELECTRIC DATA PROCESSING	103	25102
TANK CAR AND TRUCK LOADERS	866	97905
TAPERS	572	87111
TAX EXAMINERS, COLLECTORS, REVENUE AGENTS	47	21914
TAX PREPARERS	29	21111
TAXI DRIVERS AND CHAUFFEURS	838	97114
TEACHER AIDES & EDUCATIONAL ASSISTANTS, CLERICAL	332	53905
TEACHER AIDES, PARAPROFESSIONAL	202	31521
TEACHERS AND INSTRUCTORS, NEC	194	31399
TEACHERS, EDUCATORS, LIBRARIANS	145	31000
TEACHERS, KINDERGARTEN	186	31304
TEACHERS, PRESCHOOL	185	31303
TEACHERS--ELEMENTARY SCHOOL	187	31305
TEACHERS--SECONDARY SCHOOL	188	31308
TEACHERS--SPECIAL EDUCATION	189	31311
TEACHERS--VOCATIONAL ED AND TRAINING	190	31314
TECHNICAL ASSISTANTS--LIBRARY	197	31505
TECHNICAL WRITERS	247	34005
TELEGRAPH AND TELETYPE OPERATORS	371	57111
TELEGRAPH, TELETYPE INSTALLERS	531	85508
TELEMARKETERS, SOLICITORS & RELATED	294	49026
TELEPHONE, CABLE TV INSTALLERS	536	85702
TELLERS	302	53102
TEXTILE, APPAREL, FURNISHINGS, NEC--PRECISION	655	89599
TEXTILE BLEACHING, DYEING MACHINE OPERATORS	755	92714
TEXTILE DRAW-OUT MACH OPERATORS, TENDERS	754	92711
TEXTILE MACHINE SETTERS, SET-UP OPERATORS	751	92702
TEXTILE OPERATORS, TENDERS--WIND, TWIST, KNIT	752	92705
TEXTILE, APPAREL, FURNISHINGS, PRECISION	647	89500
TEXTILE, RELATED SETTERS, OPERATORS	750	92700

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OCCUPATION	LINE NUMBER	CALIFORNIA OES CODE
THERAPISTS	212	32300
THERAPISTS, NEC	219	32399
TIMBER CUTTING AND LOGGING	469	73000
TIMBER CUTTING AND RELATED, NEC	474	73099
TIRE BUILDING MACHINE OPERATORS	765	92911
TIRE REPAIRERS AND CHANGERS	564	85953
TITLE EXAMINERS AND ABSTRACTORS	143	28311
TITLE SEARCHERS	142	28308
TOOL AND DIE MAKERS	627	89102
TOOL GRINDERS, FILERS, SHARPENERS	630	89111
TRAFFIC TECHNICIANS	268	39005
TRAFFIC, SHIPPING, RECEIVING CLERKS	388	58028
TRANS AND RELATED WORKERS, NEC	863	97899
TRANS ATTENDANTS--EX FLIGHT	459	68028
TRANS, MATERIAL MOVING EQUIPMENT OPS, NEC	885	97999
TRANS, MATERIAL MOVING MACHINE OPS	832	97000
TRANSIT CLERKS	304	53108
TRANSPORTATION AGENTS	382	58011
TRANSPORTATION INSPECTORS	501	83008
TRAVEL AGENTS	282	43021
TRAVEL CLERKS	327	53802
TRUCK DRIVERS, HEAVY	834	97102
TRUCK DRIVERS, LIGHT	835	97105
TYPESETTING, COMPOSING MACHINE OPS	745	92541
TYPISTS, INCLUDING WORD PROCESSING	344	55307
U.S. MARSHALLS	407	63026
UNDERGROUND MINE MACHINE MECHANICS	509	85117
UNDERWRITERS	26	21102
UPHOLSTERERS	650	89508
URBAN AND REGIONAL PLANNERS	121	27105
USHERS, LOBBY ATTENDANTS	456	68021
VEHICLE WASHERS, EQUIPMENT CLEANERS	907	98905
VETERINARY ASSISTANTS	486	79806
VETERINARY TECHNICIANS	243	32951
VETS AND VETERINARY INSPECTORS	210	32114
VOCATIONAL & EDUCATIONAL COUNSELOR	200	31514
WAITERS AND WAITRESSES	419	65008
WARDROBE ATTENDANTS	460	68032
WATCH ASSEMBLERS, RELATED--PRECISION	796	93117
WATCHMAKERS	553	85917
WATER TRANSPORTATION WORKERS	849	97500
WATER TREATMENT PLANT OPERATORS	820	95002
WEIGHERS, MEASURERS--RECORDKEEPING	384	58017
WELDERS AND CUTTERS	803	93914
WELDING MACH OPERATORS AND TENDERS	708	91705
WELDING MACH SETTERS, SET-UP OPS	707	91702
WELFARE ELIGIBILITY WORKERS, INTERVIEWERS	319	53502
WELL HEAD PUMPERS	868	97911
WHOLESALE AND RETAIL BUYERS--EX FARM PRODS	34	21302
WOOD MACHINISTS	643	89308

Alphabetical Index of Occupations

OCCUPATION	LINE NUMBER	CALIFORNIA OES CODE
WOODWORK MACH OPS, TNDRS--EX SAWING	735	92314
WOODWORK MACH SETTERS--EX SAWING	734	92311
WOODWORKERS, NEC--PRECISION	646	89399
WOODWORKERS, PRECISION	640	89300
WOODWORKING MACHINE SETTERS, OPS	730	92300
WORKERS, PRECISION--NEC	685	89999
WRITERS AND EDITORS	246	34002
WRITERS, ARTISTS, ENTER, ATHLETES	245	34000

Standard Industrial Classification Manual

The Standard Industrial Classification (SIC) is a nationally standardized system for identifying and coding business establishments according to their industrial activity. An "establishment" is an economic unit, generally located at a single physical location, where business is conducted or where services or industrial operations are performed. The Standard Industrial Classification (SIC) Manual is the reference guide used to accurately apply and/or understand the classification coding system.

The SIC Manual's format separates industries into ten broad divisions, such as manufacturing and retail trade. Within those broad groupings are more specific two-digit codes, as well as more detailed three-digit and four-digit codes, that identify specific industries. Brief narratives describe the kinds of establishments contained in each classification category.

Suggestions for Users

The SIC Manual facilitates the collection, analysis and publication of information about business establishments. This standardized system is used throughout the United States to promote uniformity in the publications of private and governmental agencies. The Employment Development Department's field office personnel use the manual to assign SIC codes to employers

to aid in providing services. Trade associations and private industry use the manual in reference books, such as the California Manufacturers Register.

The manual can help one to understand the composite industries summarized in publications. However, all public sector workers are usually grouped together into a category called "government", which includes federal, state and local government, and state and local education.

The U.S. Department of Labor, Occupational Safety and Health Administration provides SIC information on the Internet at <http://www.osha.gov/oshstats/sicser.html>

The SIC Manual may be purchased from U.S. Government Bookstores, Bureau of Labor Statistics, or the Superintendent of Documents in Los Angeles or San Francisco. For information about purchasing this manual, contact:

U.S. Government Bookstore
Marathon Plaza, Room 141-S
303 2nd Street
San Francisco, CA 94107
Phone - (415) 512-2770
Fax - (415) 512-2776
<http://access.gpo.gov>

North American Industry Classification System

The United States has a new industry classification system. The North American Industry Classification System (NAICS) will soon replace the U.S. Standard Industrial Classification (SIC) system.

NAICS is the first-ever North American Industry classification system. The system was developed by the U.S., Canada, and Mexico to provide comparable statistics across the three countries. For the first time, government and business analysts will be able to compare directly industrial production statistics collected and published in the three North American Free Trade Agreement countries.

NAICS will reshape the way we view our changing economy. It is a unique, all-new system for classifying business establishments. It is the first economic classification system to be constructed based on a single economic concept. Economic units that use like processes to produce goods or services are grouped together. This "production-oriented" system means that statistical agencies in the United States will produce data that can be used for:

- measuring productivity, unit labor costs, and the capital intensity of production;
- constructing input-output relationships and;
- estimating employment-output relationships and other such statistics that require that inputs and outputs be used together.

NAICS responds to increasing and serious criticism about the SIC. NAICS reflects the structure of today's economy in the United States, Canada, and Mexico, including the emergence and growth of the service sector and new and advanced technologies. It is a flexible system that allows each country to recognize important industries below the level at which comparable data will be shown for all three countries.

The 1997 Economic Census will provide the first official NAICS-based statistics. Advance statistics will appear in early 1999. A report in 2000 will show relationships between NAICS and SIC industries.

Implementation by Federal agencies will be in phases. Some agency programs will convert to NAICS as early as 1999, others as late as 2004.

How is NAICS better?

NAICS will make economic statistics more useful. It will improve basic benchmark and current performance statistics, like manufacturers' shipments, retail sales, and service receipts. It will improve statistics by providing an all-new industry classification system that is more:

Relevant. NAICS identifies new industries, revises concepts, and reorganizes classifications so that industry-classified statistics highlight businesses that contribute most to our economy.

Consistent. NAICS classifies businesses into industries based on one principle instead of several; the principle that businesses using similar production processes are classified together.

Comparable. NAICS provides first-ever comparability in North American industry classifications and economic statistics.

Flexible. NAICS classifications will be updated regularly to keep pace with changes in our economy; every 5 years, all three North American countries will review NAICS and make needed revisions.

How NAICS will affect the economic data you use.

Every sector of the economy has been restructured and redefined:

- A new *Information* sector combines communications, publishing, motion picture and sound recording, and online services, recognizing our information-based economy.
- *Manufacturing* is restructured to recognize new high-tech industries. A new subsector is devoted to computers and electronics, including reproduction of software.
- *Retail Trade* is redefined. In addition, eating and drinking places are transferred to a new *Accommodation and Food Services* sector.
- The difference between *Retail* and *Wholesale* is now based on how each store conducts business. For example, many computer stores are reclassified from wholesale to retail.
- Nine new service sectors and 250 new service industries are recognized.

All new numbering system

Numeric codes for each NAICS classification are completely different from those of the SIC. The new numbering system underscores the "clean slate" approach taken in NAICS and allows its classification changes to be fully developed. The new system provides five levels of classification (up from four in the SIC), detailed codes that have a maximum of six-digits (up from four in the SIC) and detailed classifications called "U.S. Industry" (instead of "Industry" in the SIC). These changes require new numbers, even for industries that continue without change. For example, both NAICS and SIC include the detailed industry, "Passenger car rental." However, in NAICS, it has code number 532111, and in the SIC, it was code number 7514. While all NAICS numeric codes are new, like the SIC, they are organized into multi-level hierarchical classification groups that build up from the detailed industry level. The additional level of classification and expanded number of digits permit NAICS to account for the increased number of classifications, provide flexibility in structuring industry classification groups, and allow for country-based variations in classification detail.

A variety of information resources are available to help users of business statistics understand and use NAICS. Additional information, answers to frequently asked questions, and updated agency implementation plans are available at the Census Bureau's Internet site:

www.census.gov/naics

Answers to specific classification and data program inquiries may also be addressed to industry experts at:

Phone: 1-888-75NAICS

E-mail: naics@census.gov

Projection Methods And Economic Assumptions

The employment projection process consists of two phases – first, projections for employment by industry are made using both historical data and current information about the economy. Next, the industry projections become a primary data source used to project changes in occupational employment.

Changes in occupational employment over time result from two principal sources: industry growth and technological change. In developing occupational employment projections, both of these components must be addressed.

The following is a discussion of how industry and occupational projections are developed, beginning with a description of data sources and followed by a description of the steps involved.

Principal Data Sources

Employment by Industry

The source of the official historical industry employment series used for industry projections for the state and each county is the Current Employment Statistics (CES) program. This is a Federal/State co-operative program that compiles monthly estimates of industry employment groupings for the state and each county. These monthly industry employment estimates are based primarily on employer sample surveys.

A second source used in industry forecasts is the Covered Employment and Wage Data, or ES-202 program. Essentially, this program extracts employment and wage information from quarterly tax returns filed by each California employer covered by unemployment insurance. Each employer has been assigned a specific industry and county code and these data are compiled to provide the 'actual' industry employment levels for each industry and county. These data are then used for benchmarking the monthly industry employment

estimates made in the CES program. This is also a Federal/State co-operative program.

Employment by Occupation

Occupational employment estimates are based on survey data collected through the Occupational Employment Statistics (OES) program. The OES survey is an annual mail survey of non-farm employers conducted by the Employment Development Department in cooperation with the U.S. Bureau of Labor Statistics. The survey is based on a sample designed to represent the universe of employers in each state. In California, data are collected for over 800 occupations at the three-digit SIC level of detail. The survey samples approximately 110,000 business establishments over a three year period.

The Process

Industry Projections

Industry projections are first developed at aggregated levels (industry groupings) for the state and each county based on the Current Employment Statistics employment series.

Second, these aggregated industry projections are then broken down into more industry specific detail using the ES-202 data. The industry specific projections then become the primary source from which occupational projections are developed by using industry staffing patterns data. The following steps outline the process:

- Approximately every two years, industry employment projections are produced for the nation by the Bureau of Labor Statistics.
- Industry projections are then developed for the State using input from the national forecast and the historical industry employment series for the State.

- County industry projections are then developed using input from the state forecast and the historical employment series for each county.
- State projections are developed for ten years from the base period and county projections are developed for seven years from the base period.
- The State forecasts are reviewed by Labor Market Information Division (LMID) industry analysts, California's Department of Finance, and academics.
- County forecasts are reviewed by local area consultants who provide up to date information regarding recent developments in each county that would not normally be accounted for in the model.

Occupational Projections

The distribution of industry employment by occupation is performed in three steps.

- OES survey responses are summarized by industry and matched with the appropriate SIC in the area. (In cases where local OES responses are not available, either state-wide responses or another area's responses are substituted.)
- The survey data are adjusted to total to the annual average employment level for each industry. This results in estimates of employment by occupation within the three-digit SICs for the base year.
- Finally, base year staffing patterns are adjusted to account for projected shifts in the occupational distributions due to technological changes. These projected changes are derived from special studies conducted by the U.S. Bureau of Labor Statistics. Applying these changes to the base year staffing patterns results in staffing patterns by three-digit SIC for the projected year. Projected year staffing patterns are applied to the industry employment projections

to produce occupational employment projections within three-digit SICs. Data by occupation are then summed to get the occupational estimates. The difference between the base year occupation estimates and the projected year projections represents the job growth resulting from industry growth and from technological change. (Change factors do not try to predict regulatory changes.)

Demand for workers is also created by openings that result when workers leave their jobs to enter other occupations, retire, or leave the labor force for other reasons. These openings, termed *separations*, are important because, in most occupations, they exceed job openings resulting from employment growth. Even occupations that are projected to decline usually provide job openings due to separations. Separations are developed from separation rates compiled on a national basis every two years by the Bureau Of Labor Statistics.

Economic Assumptions

The industry and occupational projections in this report are based on the following assumptions:

- ✓ The institutional framework of the U.S. economy will not change radically.
- ✓ Recent technological and scientific trends will continue.
- ✓ The long-term employment patterns will continue in most industries.
- ✓ Federal, state, and local government agencies will continue to operate under budgetary constraints.
- ✓ No major events, such as war, will occur that will significantly alter the industrial structure of the economy, the occupational staffing patterns, or the rate of long-term growth.
- ✓ Population growth rates and age distributions will not differ significantly from Department of Finance projections presently available.
- ✓ Attitudes toward work, education, income, and leisure will not change significantly.

Projections & Planning Information

Module E:

Wages

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Occupational Employment Statistics Wage Survey

The Occupational Employment Statistics (OES) survey is an annual mail survey measuring occupational employment and occupational wage rates for wage and salary workers in nonfarm establishments by industry. The survey samples approximately 37,000 establishments per year, taking 3 years to fully collect the sample of 113,000 establishments in California.

The 2000 OES survey is the second year to use the new Standard Occupational Classification (SOC) system to identify occupational categories. These survey samples are based only on two years of data collected in the 1999 and 2000 survey. Surveys prior to 1999 used the Occupational Employment Statistics (OES) classification system. Of the nearly 770 SOC occupations, 374 are a direct match with the OES classification system definitions. The rest are newly defined SOC occupations. The SOC structure and definitions can be found at the Bureau of Labor Statistics (BLS) SOC website at www.bls.gov.

The wage data for all occupations have been updated to the third quarter of 2001 by applying the Employment Cost Index of the 2000 SOC wage database. The occupational employment estimates are for 2000. A more complete set of technical notes for the 2000 OES survey is available at the BLS website.

'Employment' Definition

The OES survey defines employment as the number of workers who can be classified as full-time or part-time employees; workers on paid vacations or other types of leave; workers on unpaid or short-term absences; salaried officers, executives, and staff members of incorporated firms; employees temporarily assigned to other units; and employees for whom the reporting unit is their permanent duty station, regardless of whether that unit prepares their paycheck. The survey excludes the self-employed, owners/partners of unincorporated firms, and unpaid family workers. Employees are reported in the occupation in which they are working, not necessarily for which they were trained.

Business Establishment Description

The OES survey uses the Standard Industrial Classification (SIC) system to classify all an economic unit which processes goods or provides services, such as a factory or store. The establishment is generally at a single physical location and is engaged primarily in one type of economic activity.

The scope of the survey includes establishments in SIC codes 07, 10, 12 to 17, 20 to 42, 44 to 65, 67, 70, 72, 73, 75, 76, 78 to 84, 86, 87, and 89 covering agricultural services; mining; construction; manufacturing; transportation and public utilities; wholesale and retail trade; finance, insurance, and real estate; services; and government.

Source of Sample Selection

The California Unemployment Insurance (UI) file provided the universe from which the OES survey draws its sample. The employment benchmark was obtained from reports submitted by employers to the UI program. In some nonmanufacturing industries, supplemental sources are used for establishments not reporting to the UI program.

The OES survey frame is stratified by area, industry and size class. Size classes are defined as follows:

<u>Size Class</u>	<u>Number of Employees</u>
1	1 to 4
2	5 to 9
3	10 to 19
4	20 to 49
5	50 to 99
6	100 to 249
7	250 and above

UI reporting units with 250 or more employees are sampled with certainty across a 3-year period. Generally, one-third of the certainty units are sampled each year in each state. There are some states that sample more than one-third of their certainty units during one survey year.

Terms and Concepts

Employment represents the estimate of total wage and salary employment in an occupation across the industries in which it was surveyed. The OES survey form contains between 50 and 225 SOC occupations selected on the basis of the industry classification and size of the sampled establishments. To reduce paperwork and respondent burden, no survey form contains every SOC occupation. Thus, data for specific occupations are collected from establishments within industries that are the predominant employers of labor in those occupations.

Wages for the OES survey are straight-time gross pay, exclusive of premium pay. Included are base rate, cost-of-living allowances, guaranteed pay, hazardous duty pay, incentive pay including commissions and production bonuses, tips, and on-call pay. Excluded are back pay, jury duty pay, overtime pay, severance pay, shift differentials, non-production bonuses, employer cost of supplementary benefits, and tuition reimbursements.

The OES survey collects wage data in 12 intervals. Employers report the number of employees in an occupation per each wage range. The wage intervals are as follows:

Interval	Hourly Wage	Annual Wage
A	Under \$6.75	Under \$14,040
B	\$6.75 to 8.49	\$14,040 to 17,679
C	\$8.50 to 10.74	\$17,680 to 22,359
D	\$10.75 to 13.49	\$22,360 to 28,079
E	\$13.50 to 16.99	\$28,080 to 35,359
F	\$17.00 to 21.49	\$35,360 to 44,719
G	\$21.50 to 27.24	\$44,720 to 56,679
H	\$27.25 to 34.49	\$56,680 to 71,759
I	\$34.50 to 43.74	\$71,760 to 90,999
J	\$43.75 to 55.49	\$91,000 to 115,439
K	\$55.50 to 69.99	\$115,440 to 145,599
L	\$70.00 and over	\$145,600 and over

Wages are calculated using wage data from establishments in the industries that are the predominant employers of an occupation. Industries that do not typically employ workers in a given occupation are not included in the calculation of the mean and median wage.

Mean Hourly Wage is the estimated total wages for an occupation divided by its weighted survey employment. When the wages for an occupation are concentrated in the upper wage interval, it is not possible to calculate a reliable mean. In those instances, both the mean hourly wage and the mean annual wage are replaced by a "(3)" and the user is referred to the appropriate footnote. There are a small number of occupations where only an annual wage figure is provided; the workers in these occupations are generally paid on an annual basis, and their annual wage has been directly calculated from the reported survey data. Occupations that typically have a work-year of less than 2,080 hours include musical and entertainment occupations, aircraft pilots, flight attendants, and teachers. These occupations are identified in the data tables with "(2)" in the hourly wage cells.

Median Hourly Wage is the estimated 50th percentile of the distribution of wages; 50 percent of workers in an occupation earn wages below the median wage, and 50 percent earn wages above the median wage.

Entry-Level Hourly Wage is the mean of the first third of the wage distribution. This calculation is provided as a proxy for an entry-level wage.

First Quartile Wage is the estimated 25th percentile of the distribution of wages; 25 percent of workers in an occupation earn wages below the first quartile wage, and 75 percent earn wages above the first quartile wage.

Third Quartile Wage is the estimated 75th percentile of the distribution of wages; 75 percent of workers in an occupation earn wages below the third quartile wage, and 25 percent earn wages above the third quartile wage.

Metropolitan Area The general concept of a metropolitan area (MA) is one of a large population nucleus, together with adjacent communities that have a high degree of economic and social integration with that nucleus. Some MAs are defined around two or more nuclei. The MAs are designated and defined by the Federal Office of Management and Budget, following a set of official published standards. These standards were developed by

the Interagency Federal Executive Committee on Metropolitan Areas, with the aim of producing definitions that are as consistent as possible for all MAs nationwide.

Metropolitan Statistical Area (MSA) A MSA comprises one or more central counties. A MSA also may include one or more outlying counties that have close economic and social relationships with the central county. An outlying county must have a specified level of commuting to the central counties and also must meet certain standards regarding metropolitan character, such as population density, urban population, and population growth. The title of a MSA contains the name of its largest city and up to two additional city names, provided that the additional places meet specified levels of population, employment and commuting. Generally a city of 250,000 or more is in the title, regardless of other criteria.

Primary Metropolitan Statistical Area (PMSA) The criteria that designates and defines a MSA also designates and defines a PMSA. If an area that qualifies as a MA has more than one million persons, primary metropolitan statistical areas (PMSAs) may be defined within it. PMSAs consist of a large urbanized county or cluster of counties that demonstrate very strong internal economic and social links, in addition to close ties to other portions of the larger area. The title of a PMSA may contain up to three place names, or up to three county names, sequenced in order of population.

Consolidated Metropolitan Statistical Area (CMSA) A CMSA consists of two or more Primary Metropolitan Statistical Areas (PMSAs).

Occupational Employment Statistics (OES) Survey Results

Mother Lode Region

Alpine, Amador, Calaveras, Inyo, Mariposa, Mono, & Tuolumne Counties

These survey data are from the 2001 Occupational Employment Statistics (OES) survey. The wages have all been updated to the third quarter of 2002 by applying the US Department of Labor's Employment Cost Index to the 2001 wages. Occupations are classified using the Standard Occupational Classification (SOC) codes. For details of the methodology, see the Overview of the OES Survey at [http://www.calmis.ca.gov/file/occup\\$/oes\\$.htm](http://www.calmis.ca.gov/file/occup$/oes$.htm)

(Sorted by Occupational Title)

SOC Code	Occupational Title	Entry-Level Hourly Wage (1)	Mean Hourly Wage	25th Percentile Hourly Wage	50th Percentile (Median) Hourly Wage	75th Percentile Hourly Wage
13-2011	Accountants and Auditors	\$15.02	\$21.99	\$16.11	\$18.64	\$24.90
11-3011	Administrative Services Managers	\$16.33	\$25.52	\$18.98	\$24.48	\$31.42
11-2011	Advertising and Promotions Managers	\$14.22	\$30.97	\$17.84	\$30.88	\$39.07
41-3011	Advertising Sales Agents	\$9.27	\$18.94	\$10.11	\$12.90	\$21.26
19-1010	Agricultural and Food Scientists	\$16.82	\$21.25	\$17.83	\$21.27	\$24.91
49-3011	Aircraft Mechanics and Service Technicians	\$12.71	\$17.24	\$12.80	\$14.23	\$21.33
37-9099	All Other Building and Grounds Cleaning and Maintenance Workers	\$7.98	\$10.17	\$8.29	\$9.71	\$11.07
47-4999	All Other Construction Trades and Related Workers	\$13.98	\$17.14	\$15.59	\$17.09	\$18.58
21-9099	All Other Counselors, Social and Religious Workers	\$12.36	\$18.40	\$14.51	\$18.95	\$22.04
17-3099	All Other Drafters, Engineering, and Mapping Technicians	\$13.53	\$19.62	\$15.84	\$20.37	\$24.03
43-4999	All Other Financial, Information, and Record Clerks	\$9.54	\$12.46	\$10.06	\$11.73	\$14.09
29-9199	All Other Health Professionals and Technicians	\$11.88	\$17.62	\$13.57	\$17.30	\$21.56
23-9099	All Other Legal and Related Workers	\$10.69	\$15.02	\$11.56	\$13.46	\$17.30
43-5199	All Other Material Recording, Scheduling, Dispatching, and Distributing Workers	\$9.21	\$11.12	\$9.65	\$10.78	\$12.10

SOC Code	Occupational Title	Entry-Level Hourly Wage (1)	Mean Hourly Wage	25th Percentile Hourly Wage	50th Percentile (Median) Hourly Wage	75th Percentile Hourly Wage
43-9999	All Other Secretaries, Administrative Assistants, and Other Office Support	\$9.14	\$11.54	\$9.77	\$10.78	\$11.86
25-3999	All Other Teachers, Primary, Secondary, and Adult	(2)	(2)	(2)	(2)	(2)
39-3091	Amusement and Recreation Attendants	\$6.75*	\$9.13	\$6.75*	\$7.60	\$9.51
33-9011	Animal Control Workers	\$10.19	\$13.47	\$10.98	\$13.47	\$15.30
19-3091	Anthropologists and Archeologists	\$18.09	\$24.45	\$19.13	\$21.57	\$25.03
13-2021	Appraisers and Assessors of Real Estate	\$19.12	\$24.19	\$19.80	\$22.30	\$27.93
17-1011	Architects, Except Landscape and Naval	\$17.28	\$28.28	\$19.28	\$29.64	\$33.91
17-3011	Architectural and Civil Drafters	\$13.89	\$16.61	\$14.50	\$16.17	\$18.28
17-0000	Architecture and Engineering Occupations	\$16.51	\$25.16	\$18.63	\$24.13	\$30.66
25-4010	Archivists, Curators, and Museum Technicians	\$9.98	\$16.93	\$11.55	\$15.00	\$23.50
27-0000	Arts, Design, Entertainment, Sports, and Media Occupations	\$8.90	\$13.75	\$9.68	\$11.50	\$15.11
27-4011	Audio and Video Equipment Technicians	\$7.33	\$9.66	\$7.32	\$7.95	\$8.57
49-3021	Automotive Body and Related Repairers	\$12.78	\$16.71	\$13.10	\$18.03	\$20.45
49-3023	Automotive Service Technicians and Mechanics	\$8.84	\$19.54	\$10.44	\$13.90	\$20.48
39-6011	Baggage Porters and Bellhops	\$6.75*	\$7.91	\$6.91	\$7.71	\$8.88
51-3011	Bakers	\$8.57	\$11.46	\$9.39	\$11.47	\$13.27
35-3011	Bartenders	\$6.75*	\$7.58	\$6.82	\$7.41	\$8.24
43-3011	Bill and Account Collectors	\$9.73	\$14.04	\$10.62	\$13.79	\$16.62
43-3021	Billing and Posting Clerks and Machine Operators	\$8.69	\$11.55	\$9.36	\$11.34	\$13.17
19-4021	Biological Technicians	\$11.63	\$14.08	\$12.12	\$13.87	\$16.06

SOC Code	Occupational Title	Entry-Level Hourly Wage (1)	Mean Hourly Wage	25th Percentile Hourly Wage	50th Percentile (Median) Hourly Wage	75th Percentile Hourly Wage
43-3031	Bookkeeping, Accounting, and Auditing Clerks	\$9.36	\$13.01	\$10.46	\$12.59	\$15.02
13-2031	Budget Analysts	\$18.78	\$23.94	\$19.65	\$22.81	\$27.27
37-0000	Building and Grounds Cleaning and Maintenance Occupations	\$6.83	\$10.12	\$7.26	\$8.85	\$11.97
49-3031	Bus and Truck Mechanics and Diesel Engine Specialists	\$12.74	\$16.18	\$13.64	\$15.67	\$17.94
53-3022	Bus Drivers, School	\$11.00	\$13.71	\$12.18	\$13.73	\$15.60
53-3021	Bus Drivers, Transit and Intercity	\$9.21	\$11.32	\$9.65	\$11.10	\$12.74
13-0000	Business and Financial Operations Occupations	\$12.87	\$21.50	\$15.36	\$20.23	\$26.85
13-1199	Business Operations Specialists, All Other	\$13.48	\$20.84	\$14.97	\$19.84	\$26.24
51-3021	Butchers and Meat Cutters	\$9.38	\$14.72	\$10.55	\$14.99	\$19.06
51-7011	Cabinetmakers and Bench Carpenters	\$7.44	\$10.78	\$7.97	\$9.68	\$12.75
47-2031	Carpenters	\$12.16	\$18.86	\$14.24	\$17.89	\$23.73
47-2041	Carpet Installers	\$11.15	\$18.58	\$13.93	\$18.29	\$24.38
41-2011	Cashiers	\$6.75*	\$8.72	\$6.88	\$7.93	\$9.23
47-2051	Cement Masons and Concrete Finishers	\$11.08	\$17.30	\$12.21	\$17.03	\$21.41
35-1011	Chefs and Head Cooks	\$9.25	\$14.68	\$10.24	\$13.19	\$18.95
19-4031	Chemical Technicians	\$11.22	\$16.11	\$12.10	\$15.85	\$17.92
19-2031	Chemists	\$16.95	\$27.32	\$19.47	\$25.96	\$31.96
11-1011	Chief Executives	\$28.65	\$46.00	\$32.39	\$43.78	\$59.61
39-9011	Child Care Workers	\$7.52	\$9.77	\$7.77	\$8.89	\$11.37
21-1021	Child, Family, and School Social Workers	\$12.30	\$22.12	\$14.36	\$22.64	\$30.52

SOC Code	Occupational Title	Entry-Level Hourly Wage (1)	Mean Hourly Wage	25th Percentile Hourly Wage	50th Percentile (Median) Hourly Wage	75th Percentile Hourly Wage
17-3022	Civil Engineering Technicians	\$18.54	\$20.72	\$18.78	\$20.56	\$22.66
17-2051	Civil Engineers	\$22.64	\$29.66	\$24.50	\$28.41	\$34.66
53-7061	Cleaners of Vehicles and Equipment	\$6.75*	\$7.23	\$6.75*	\$6.99	\$7.89
21-2011	Clergy	\$8.00	\$12.55	\$7.79	\$8.47	\$19.11
19-3031	Clinical, Counseling, and School Psychologists	\$22.29	\$27.75	\$24.07	\$28.80	\$32.22
51-2021	Coil Winders, Tapers, and Finishers	\$7.64	\$9.34	\$7.76	\$8.74	\$10.21
35-3021	Combined Food Preparation and Serving Workers, Including Fast Food	\$6.75*	\$7.11	\$6.75*	\$6.91	\$7.93
43-2099	Communications Equipment Operators, All Other	\$12.86	\$16.80	\$13.58	\$17.62	\$19.94
21-0000	Community and Social Services Occupations	\$10.77	\$19.36	\$12.61	\$17.21	\$26.74
13-1041	Compliance Officers, Except Agriculture, Construction, Health and Safety, and Transportati	\$14.77	\$23.43	\$16.50	\$21.84	\$27.62
11-3021	Computer and Information Systems Managers	\$25.54	\$34.01	\$28.75	\$32.66	\$37.43
15-0000	Computer and Mathematical Occupations	\$13.00	\$22.55	\$15.09	\$20.46	\$28.50
43-9011	Computer Operators	\$12.34	\$16.58	\$13.30	\$16.13	\$19.34
15-1021	Computer Programmers	\$16.65	\$24.51	\$18.90	\$21.48	\$27.41
15-1099	Computer Specialists, All Other	\$8.99	\$15.47	\$10.01	\$13.13	\$20.39
15-1041	Computer Support Specialists	\$12.59	\$17.48	\$13.44	\$15.37	\$19.58
15-1051	Computer Systems Analysts	\$20.62	\$29.86	\$22.58	\$28.86	\$37.27
47-4011	Construction and Building Inspectors	\$16.18	\$19.82	\$16.36	\$18.06	\$21.15
47-0000	Construction and Extraction Occupations	\$11.09	\$18.26	\$12.88	\$16.81	\$22.69
47-2061	Construction Laborers	\$9.23	\$14.43	\$10.32	\$13.38	\$16.56

SOC Code	Occupational Title	Entry-Level Hourly Wage (1)	Mean Hourly Wage	25th Percentile Hourly Wage	50th Percentile (Median) Hourly Wage	75th Percentile Hourly Wage
11-9021	Construction Managers	\$30.63	\$38.74	\$33.33	\$38.24	\$44.96
49-9012	Control and Valve Installers and Repairers, Except Mechanical Door	\$14.11	\$20.58	\$17.33	\$22.16	\$25.16
35-2011	Cooks, Fast Food	\$6.75*	\$6.79	\$6.75*	\$6.75*	\$7.67
35-2012	Cooks, Institution and Cafeteria	\$7.83	\$10.66	\$8.56	\$10.26	\$12.19
35-2014	Cooks, Restaurant	\$8.20	\$10.36	\$8.67	\$10.08	\$11.91
35-2015	Cooks, Short Order	\$6.75*	\$8.25	\$7.13	\$8.25	\$9.62
33-3012	Correctional Officers and Jailers	\$20.15	\$23.91	\$22.58	\$24.69	\$26.80
41-2021	Counter and Rental Clerks	\$7.35	\$10.43	\$7.79	\$10.28	\$12.68
35-3022	Counter Attendants, Cafeteria, Food Concession, and Coffee Shop	\$6.75*	\$7.52	\$6.75*	\$7.42	\$8.38
43-5021	Couriers and Messengers	\$7.46	\$9.53	\$7.81	\$9.38	\$11.14
43-4031	Court, Municipal, and License Clerks	\$10.95	\$13.33	\$11.64	\$13.13	\$14.74
13-2041	Credit Analysts	\$16.73	\$20.40	\$17.65	\$20.52	\$22.98
43-4051	Customer Service Representatives	\$8.56	\$12.32	\$9.15	\$11.58	\$13.90
43-9021	Data Entry Keyers	\$7.98	\$11.09	\$8.26	\$10.23	\$12.61
15-1061	Database Administrators	\$12.89	\$19.48	\$16.15	\$19.79	\$22.32
31-9091	Dental Assistants	\$11.06	\$13.09	\$11.91	\$13.11	\$14.29
29-2021	Dental Hygienists	\$37.58	\$40.00	\$38.95	\$41.58	\$44.22
51-9081	Dental Laboratory Technicians	\$8.88	\$14.42	\$9.55	\$11.70	\$22.73
29-1020	Dentists	\$49.14	(3)	\$52.31	>\$70.00	>\$70.00
33-3021	Detectives and Criminal Investigators	\$18.09	\$22.89	\$19.76	\$23.12	\$26.50

SOC Code	Occupational Title	Entry-Level Hourly Wage (1)	Mean Hourly Wage	25th Percentile Hourly Wage	50th Percentile (Median) Hourly Wage	75th Percentile Hourly Wage
35-9011	Dining Room and Cafeteria Attendants and Bartender Helpers	\$6.75*	\$6.98	\$6.75*	\$6.77	\$7.39
35-9021	Dishwashers	\$6.75*	\$7.27	\$6.75*	\$7.16	\$8.13
43-5032	Dispatchers, Except Police, Fire, and Ambulance	\$9.20	\$12.50	\$9.53	\$10.86	\$15.29
53-3031	Driver/Sales Workers	\$6.75*	\$10.16	\$6.86	\$9.91	\$12.07
47-2081	Drywall and Ceiling Tile Installers	\$12.93	\$18.01	\$14.60	\$18.75	\$20.69
47-5021	Earth Drillers, Except Oil and Gas	\$19.43	\$20.05	\$19.10	\$20.37	\$21.62
27-3041	Editors	\$12.75	\$17.44	\$12.89	\$14.75	\$22.67
11-9032	Education Administrators, Elementary and Secondary School	(2)	(2)	(2)	(2)	(2)
11-9031	Education Administrators, Preschool and Child Care Center/Program	\$15.94	\$19.05	\$16.49	\$18.51	\$21.60
25-0000	Education, Training, and Library Occupations	\$10.74	\$19.78	\$12.53	\$20.23	\$26.24
21-1012	Educational, Vocational, and School Counselors	\$14.27	\$21.84	\$15.98	\$21.49	\$27.25
17-3023	Electrical and Electronic Engineering Technicians	\$14.59	\$21.09	\$16.62	\$20.32	\$25.75
51-2022	Electrical and Electronic Equipment Assemblers	\$7.72	\$8.95	\$7.77	\$8.65	\$10.04
17-3012	Electrical and Electronics Drafters	\$12.27	\$16.57	\$13.06	\$15.82	\$19.06
17-2071	Electrical Engineers	\$17.68	\$24.87	\$19.65	\$22.54	\$28.85
47-2111	Electricians	\$15.76	\$24.76	\$19.22	\$25.72	\$31.44
17-3024	Electro-Mechanical Technicians	\$11.94	\$27.37	\$14.45	\$18.37	\$44.05
49-2097	Electronic Home Entertainment Equipment Installers and Repairers	\$14.29	\$15.75	\$15.00	\$16.11	\$17.22
17-2072	Electronics Engineers, Except Computer	\$22.91	\$27.73	\$23.87	\$27.78	\$31.93
25-2021	Elementary School Teachers, Except Special Education	(2)	(2)	(2)	(2)	(2)

SOC Code	Occupational Title	Entry-Level Hourly Wage (1)	Mean Hourly Wage	25th Percentile Hourly Wage	50th Percentile (Median) Hourly Wage	75th Percentile Hourly Wage
43-4061	Eligibility Interviewers, Government Programs	\$11.58	\$13.30	\$11.89	\$13.09	\$14.39
29-2041	Emergency Medical Technicians and Paramedics	\$7.15	\$11.31	\$8.10	\$10.62	\$13.84
13-1071	Employment, Recruitment, and Placement Specialists	\$16.27	\$19.94	\$17.76	\$19.87	\$21.95
11-9041	Engineering Managers	\$24.73	\$35.82	\$28.43	\$36.34	\$43.26
17-2199	Engineers, All Other	\$18.62	\$28.79	\$19.71	\$28.00	\$33.58
17-2081	Environmental Engineers	\$21.30	\$29.15	\$24.29	\$29.54	\$33.19
19-4091	Environmental Science and Protection Technicians, Including Health	\$14.24	\$17.87	\$14.72	\$16.49	\$21.84
19-2041	Environmental Scientists and Specialists, Including Health	\$11.64	\$20.93	\$13.18	\$22.45	\$28.18
53-7032	Excavating and Loading Machine and Dragline Operators	\$13.61	\$16.39	\$14.38	\$16.34	\$18.74
43-6011	Executive Secretaries and Administrative Assistants	\$11.85	\$15.81	\$12.62	\$15.14	\$17.84
45-4021	Fallers	\$26.32	\$33.07	\$29.50	\$34.15	\$39.37
45-0000	Farming, Fishing, and Forestry Occupations	\$7.39	\$13.51	\$7.56	\$10.84	\$16.39
45-9099	Farming, Fishing, and Forestry Workers, All Other	\$9.72	\$13.85	\$9.97	\$13.01	\$17.58
45-2092	Farmworkers and Laborers, Crop, Nursery, and Greenhouse	\$7.12	\$7.84	\$7.12	\$7.65	\$8.42
45-2093	Farmworkers, Farm and Ranch Animals	\$6.89	\$7.93	\$6.75*	\$7.10	\$7.46
43-4071	File Clerks	\$8.14	\$10.50	\$8.66	\$10.30	\$12.07
11-3031	Financial Managers	\$18.57	\$31.40	\$22.06	\$30.85	\$40.13
13-2099	Financial Specialists, All Other	\$15.34	\$23.08	\$16.13	\$18.69	\$26.29
33-2011	Fire Fighters	\$11.54	\$15.57	\$11.83	\$13.18	\$16.07

SOC Code	Occupational Title	Entry-Level Hourly Wage (1)	Mean Hourly Wage	25th Percentile Hourly Wage	50th Percentile (Median) Hourly Wage	75th Percentile Hourly Wage
47-1011	First-Line Supervisors/Managers of Construction Trades and Extraction Workers	\$20.02	\$28.39	\$21.90	\$27.20	\$33.12
33-1011	First-Line Supervisors/Managers of Correctional Officers	\$27.42	\$30.70	\$28.89	\$31.32	\$33.75
45-1011	First-Line Supervisors/Managers of Farming, Fishing, and Forestry Workers	\$12.13	\$18.34	\$13.32	\$18.95	\$22.81
33-1021	First-Line Supervisors/Managers of Fire Fighting and Prevention Workers	\$24.33	\$26.93	\$24.27	\$26.49	\$29.53
35-1012	First-Line Supervisors/Managers of Food Preparation and Serving Workers	\$7.47	\$11.72	\$7.95	\$10.27	\$13.90
53-1021	First-Line Supervisors/Managers of Helpers, Laborers, and Material Movers, Hand	\$16.69	\$21.20	\$18.24	\$20.46	\$24.47
37-1011	First-Line Supervisors/Managers of Housekeeping and Janitorial Workers	\$9.01	\$14.81	\$10.31	\$13.96	\$17.96
37-1012	First-Line Supervisors/Managers of Landscaping, Lawn Service, and Groundskeeping Workers	\$9.83	\$14.45	\$10.30	\$12.08	\$17.63
49-1011	First-Line Supervisors/Managers of Mechanics, Installers, and Repairers	\$16.48	\$22.56	\$18.35	\$21.55	\$26.89
41-1012	First-Line Supervisors/Managers of Non-Retail Sales Workers	\$16.91	\$24.65	\$20.72	\$24.73	\$27.59
43-1011	First-Line Supervisors/Managers of Office and Administrative Support Workers	\$11.45	\$17.66	\$13.02	\$16.62	\$20.98
39-1021	First-Line Supervisors/Managers of Personal Service Workers	\$11.16	\$15.33	\$12.04	\$14.21	\$18.03
33-1012	First-Line Supervisors/Managers of Police and Detectives	\$21.04	\$28.97	\$22.50	\$28.24	\$36.21
51-1011	First-Line Supervisors/Managers of Production and Operating Workers	\$13.88	\$20.62	\$15.41	\$20.02	\$25.17
41-1011	First-Line Supervisors/Managers of Retail Sales Workers	\$10.31	\$15.61	\$11.39	\$13.67	\$17.07
53-1031	First-Line Supervisors/Managers of Transportation and Material-Moving Machine and Vehicle	\$12.04	\$18.27	\$14.66	\$18.38	\$21.26
33-1099	First-Line Supervisors/Managers, Protective Service Workers, All Other	\$19.86	\$26.32	\$21.45	\$24.82	\$30.17
33-3031	Fish and Game Wardens	\$22.78	\$23.98	\$22.85	\$24.52	\$26.18

SOC Code	Occupational Title	Entry-Level Hourly Wage (1)	Mean Hourly Wage	25th Percentile Hourly Wage	50th Percentile (Median) Hourly Wage	75th Percentile Hourly Wage
39-9031	Fitness Trainers and Aerobics Instructors	\$6.98	\$10.48	\$7.62	\$9.43	\$13.44
27-1023	Floral Designers	\$7.82	\$9.17	\$8.27	\$9.25	\$10.18
35-0000	Food Preparation and Serving-Related Occupations	\$6.75*	\$8.26	\$6.75*	\$7.52	\$8.88
35-2021	Food Preparation Workers	\$6.75*	\$8.66	\$7.11	\$8.30	\$9.94
11-9051	Food Service Managers	\$12.34	\$18.22	\$12.86	\$15.68	\$21.56
19-4093	Forest and Conservation Technicians	\$10.07	\$14.25	\$10.97	\$13.82	\$16.88
45-4011	Forest and Conservation Workers	\$9.76	\$11.30	\$9.81	\$10.91	\$12.58
19-1032	Foresters	\$18.95	\$25.32	\$20.55	\$24.47	\$29.49
11-9061	Funeral Directors	\$18.51	\$25.36	\$19.36	\$22.27	\$31.99
11-1021	General and Operations Managers	\$20.38	\$33.83	\$23.34	\$30.62	\$42.19
19-2042	Geoscientists, Except Hydrologists and Geographers	\$18.60	\$32.25	\$21.15	\$31.18	\$43.04
47-2121	Glaziers	\$10.47	\$11.88	\$10.48	\$11.56	\$13.29
27-1024	Graphic Designers	\$10.91	\$16.06	\$11.40	\$13.12	\$19.66
39-5012	Hairdressers, Hairstylists, and Cosmetologists	\$8.26	\$11.21	\$8.76	\$12.01	\$13.63
21-1091	Health Educators	\$14.27	\$19.17	\$14.73	\$16.43	\$20.60
29-0000	Healthcare Practitioners and Technical Occupations	\$14.69	\$26.27	\$17.73	\$24.14	\$29.58
31-0000	Healthcare Support Occupations	\$8.37	\$11.09	\$9.01	\$11.03	\$12.70
31-9099	Healthcare Support Workers, All Other	\$8.82	\$11.17	\$9.51	\$11.18	\$12.75
49-9021	Heating, Air Conditioning, and Refrigeration Mechanics and Installers	\$12.43	\$16.52	\$14.65	\$17.06	\$19.75
47-3012	Helpers--Carpenters	\$12.01	\$13.56	\$12.34	\$13.72	\$15.11

SOC Code	Occupational Title	Entry-Level Hourly Wage (1)	Mean Hourly Wage	25th Percentile Hourly Wage	50th Percentile (Median) Hourly Wage	75th Percentile Hourly Wage
49-9098	Helpers--Installation, Maintenance, and Repair Workers	\$8.92	\$19.74	\$10.02	\$24.16	\$26.62
47-3015	Helpers--Pipelayers, Plumbers, Pipefitters, and Steamfitters	\$7.56	\$11.32	\$8.31	\$11.41	\$14.30
51-9198	Helpers--Production Workers	\$6.75*	\$8.66	\$6.83	\$8.01	\$10.16
47-3016	Helpers--Roofers	\$8.14	\$10.70	\$9.61	\$11.26	\$12.73
47-4051	Highway Maintenance Workers	\$12.14	\$15.16	\$13.11	\$15.43	\$17.13
31-1011	Home Health Aides	\$7.55	\$9.88	\$7.92	\$9.85	\$12.06
35-9031	Hosts and Hostesses, Restaurant, Lounge, and Coffee Shop	\$6.75*	\$7.81	\$6.93	\$7.43	\$8.31
43-4081	Hotel, Motel, and Resort Desk Clerks	\$6.75*	\$7.92	\$6.75*	\$7.62	\$9.21
43-4161	Human Resources Assistants, Except Payroll and Timekeeping	\$10.03	\$13.52	\$11.15	\$13.33	\$15.35
11-3040	Human Resources Managers	\$15.02	\$24.25	\$16.35	\$24.16	\$31.78
49-9041	Industrial Machinery Mechanics	\$19.40	\$22.24	\$20.29	\$22.70	\$24.81
11-3051	Industrial Production Managers	\$22.23	\$33.93	\$24.34	\$27.96	\$41.12
53-7051	Industrial Truck and Tractor Operators	\$13.29	\$17.79	\$15.63	\$18.67	\$20.50
51-9061	Inspectors, Testers, Sorters, Samplers, and Weighers	\$10.97	\$16.59	\$12.63	\$16.53	\$20.00
49-0000	Installation, Maintenance, and Repair Occupations	\$10.22	\$17.23	\$12.05	\$15.91	\$21.05
49-9099	Installation, Maintenance, and Repair Workers, All Other	\$10.12	\$20.39	\$11.90	\$18.73	\$30.02
25-9031	Instructional Coordinators	\$8.14	\$14.95	\$8.58	\$11.17	\$17.84
41-3021	Insurance Sales Agents	\$11.76	\$20.38	\$13.06	\$16.56	\$25.25
43-4111	Interviewers, Except Eligibility and Loan	\$11.44	\$14.37	\$11.66	\$12.72	\$13.78
37-2011	Janitors and Cleaners, Except Maids and Housekeeping Cleaners	\$7.31	\$10.39	\$7.87	\$9.89	\$12.53

SOC Code	Occupational Title	Entry-Level Hourly Wage (1)	Mean Hourly Wage	25th Percentile Hourly Wage	50th Percentile (Median) Hourly Wage	75th Percentile Hourly Wage
25-2012	Kindergarten Teachers, Except Special Education	(2)	(2)	(2)	(2)	(2)
53-7062	Laborers and Freight, Stock, and Material Movers, Hand	\$7.29	\$10.45	\$7.97	\$9.82	\$12.46
37-3011	Landscaping and Groundskeeping Workers	\$7.46	\$12.25	\$8.19	\$10.40	\$15.15
51-4034	Lathe and Turning Machine Tool Setters, Operators, and Tenders, Metal and Plastic	\$9.97	\$12.86	\$9.96	\$10.86	\$17.94
51-6011	Laundry and Dry-Cleaning Workers	\$6.97	\$8.52	\$7.42	\$8.24	\$9.20
23-1011	Lawyers	\$23.88	\$39.17	\$26.47	\$36.67	\$44.83
23-0000	Legal Occupations	\$11.76	\$25.77	\$13.39	\$19.34	\$34.52
43-6012	Legal Secretaries	\$8.12	\$11.62	\$8.32	\$10.15	\$12.21
11-1031	Legislators	\$14.59	\$22.21	\$15.38	\$17.38	\$22.65
25-4021	Librarians	\$11.67	\$19.36	\$13.44	\$17.85	\$25.31
43-4121	Library Assistants, Clerical	\$9.56	\$12.17	\$10.19	\$11.56	\$14.06
25-4031	Library Technicians	\$10.53	\$13.76	\$11.31	\$13.97	\$16.33
29-2061	Licensed Practical and Licensed Vocational Nurses	\$11.97	\$15.66	\$12.78	\$14.81	\$18.78
19-0000	Life, Physical, and Social Science Occupations	\$12.16	\$19.97	\$13.85	\$18.77	\$25.17
43-4131	Loan Interviewers and Clerks	\$12.15	\$15.64	\$12.86	\$15.49	\$18.12
13-2072	Loan Officers	\$18.10	\$26.51	\$20.22	\$25.25	\$28.75
11-9081	Lodging Managers	\$9.92	\$13.67	\$11.45	\$12.65	\$13.93
45-4022	Logging Equipment Operators	\$11.75	\$18.11	\$12.89	\$14.83	\$18.07
53-7063	Machine Feeders and Offbearers	\$14.25	\$17.00	\$15.17	\$16.99	\$19.70
51-4041	Machinists	\$10.65	\$17.06	\$12.18	\$16.33	\$20.12

SOC Code	Occupational Title	Entry-Level Hourly Wage (1)	Mean Hourly Wage	25th Percentile Hourly Wage	50th Percentile (Median) Hourly Wage	75th Percentile Hourly Wage
37-2012	Maids and Housekeeping Cleaners	\$6.75*	\$7.74	\$6.75*	\$7.36	\$8.61
43-9051	Mail Clerks and Mail Machine Operators, Except Postal Service	\$8.56	\$13.61	\$9.39	\$10.88	\$14.40
49-9042	Maintenance and Repair Workers, General	\$9.02	\$13.72	\$10.37	\$13.49	\$16.71
49-9043	Maintenance Workers, Machinery	\$10.92	\$16.25	\$12.85	\$15.96	\$18.91
13-1111	Management Analysts	\$17.91	\$24.41	\$20.06	\$24.97	\$27.91
11-0000	Management Occupations	\$16.69	\$29.09	\$19.58	\$26.83	\$36.42
11-9199	Managers, All Other	\$19.65	\$29.74	\$22.24	\$27.76	\$36.94
19-3021	Market Research Analysts	\$13.84	\$21.42	\$14.88	\$18.39	\$20.73
11-2021	Marketing Managers	\$22.66	(3)	\$25.94	\$37.05	>\$70.00
53-7199	Material Moving Workers, All Other	\$8.64	\$16.68	\$9.16	\$15.62	\$24.40
17-2141	Mechanical Engineers	\$18.98	\$29.77	\$21.14	\$29.69	\$37.59
27-3099	Media and Communication Workers, All Other	\$9.67	\$12.63	\$10.17	\$11.99	\$14.59
29-2012	Medical and Clinical Laboratory Technicians	\$11.50	\$19.70	\$13.08	\$22.62	\$25.30
11-9111	Medical and Health Services Managers	\$25.32	\$34.00	\$29.30	\$34.42	\$40.07
31-9092	Medical Assistants	\$9.39	\$11.26	\$9.67	\$10.86	\$12.56
29-2071	Medical Records and Health Information Technicians	\$10.26	\$14.27	\$11.47	\$14.19	\$16.39
43-6013	Medical Secretaries	\$10.40	\$12.27	\$11.28	\$12.31	\$13.40
31-9094	Medical Transcriptionists	\$11.25	\$13.85	\$11.95	\$14.03	\$15.72
21-1023	Mental Health and Substance Abuse Social Workers	\$7.97	\$12.36	\$8.74	\$10.94	\$16.15
21-1014	Mental Health Counselors	\$15.88	\$20.66	\$16.79	\$21.62	\$24.36

SOC Code	Occupational Title	Entry-Level Hourly Wage (1)	Mean Hourly Wage	25th Percentile Hourly Wage	50th Percentile (Median) Hourly Wage	75th Percentile Hourly Wage
43-5041	Meter Readers, Utilities	\$12.96	\$18.95	\$13.81	\$19.36	\$23.76
25-2022	Middle School Teachers, Except Special and Vocational Education	(2)	(2)	(2)	(2)	(2)
51-9023	Mixing and Blending Machine Setters, Operators, and Tenders	\$10.63	\$13.42	\$11.65	\$13.32	\$14.78
49-3042	Mobile Heavy Equipment Mechanics, Except Engines	\$15.45	\$19.67	\$16.64	\$19.66	\$22.24
39-3021	Motion Picture Projectionists	\$7.32	\$8.28	\$7.45	\$8.14	\$8.83
53-3099	Motor Vehicle Operators, All Other	\$7.80	\$15.00	\$9.06	\$17.56	\$19.88
11-9121	Natural Sciences Managers	\$17.50	\$23.21	\$18.43	\$21.45	\$26.36
15-1071	Network and Computer Systems Administrators	\$17.46	\$23.00	\$18.51	\$21.29	\$26.02
15-1081	Network Systems and Data Communications Analysts	\$18.68	\$28.86	\$20.58	\$28.76	\$38.03
43-4141	New Accounts Clerks	\$10.11	\$13.17	\$10.29	\$11.74	\$15.79
27-3020	News Analysts, Reporters and Correspondents	\$12.22	\$13.92	\$12.22	\$13.34	\$15.45
39-2021	Nonfarm Animal Caretakers	\$7.57	\$9.45	\$7.66	\$8.42	\$10.36
31-1012	Nursing Aides, Orderlies, and Attendants	\$8.43	\$10.45	\$8.97	\$10.58	\$11.83
29-1122	Occupational Therapists	\$24.66	\$29.57	\$25.71	\$29.46	\$33.19
43-0000	Office and Administrative Support Occupations	\$8.35	\$12.41	\$9.23	\$11.61	\$14.69
43-9061	Office Clerks, General	\$8.21	\$11.38	\$8.97	\$11.01	\$13.50
47-2073	Operating Engineers and Other Construction Equipment Operators	\$14.87	\$21.71	\$16.53	\$19.89	\$29.23
29-2081	Opticians, Dispensing	\$8.41	\$12.15	\$9.38	\$11.21	\$15.40
29-1041	Optometrists	\$24.40	\$29.96	\$24.01	\$26.19	\$39.28
43-4151	Order Clerks	\$8.32	\$12.51	\$8.91	\$11.06	\$15.12

SOC Code	Occupational Title	Entry-Level Hourly Wage (1)	Mean Hourly Wage	25th Percentile Hourly Wage	50th Percentile (Median) Hourly Wage	75th Percentile Hourly Wage
51-9111	Packaging and Filling Machine Operators and Tenders	\$7.71	\$9.56	\$7.70	\$8.46	\$10.77
53-7064	Packers and Packagers, Hand	\$6.75*	\$7.83	\$6.95	\$7.66	\$8.44
47-2141	Painters, Construction and Maintenance	\$9.98	\$14.44	\$11.09	\$13.65	\$17.10
23-2011	Paralegals and Legal Assistants	\$10.01	\$13.05	\$10.36	\$12.47	\$14.78
41-2022	Parts Salespersons	\$8.54	\$12.36	\$9.24	\$11.16	\$13.48
47-2071	Paving, Surfacing, and Tamping Equipment Operators	\$13.96	\$16.40	\$14.52	\$15.93	\$17.34
43-3051	Payroll and Timekeeping Clerks	\$10.68	\$14.71	\$11.99	\$14.92	\$17.25
39-9021	Personal and Home Care Aides	\$6.75*	\$7.86	\$6.93	\$7.72	\$8.56
39-0000	Personal Care and Service Occupations	\$6.95	\$9.95	\$7.35	\$8.67	\$11.52
37-2021	Pest Control Workers	\$11.74	\$13.18	\$11.72	\$12.70	\$13.70
29-1051	Pharmacists	\$35.55	\$44.17	\$40.36	\$45.59	\$51.56
31-9095	Pharmacy Aides	\$6.95	\$9.44	\$7.31	\$8.84	\$11.97
29-2052	Pharmacy Technicians	\$11.90	\$14.20	\$12.69	\$14.26	\$15.99
27-4021	Photographers	\$6.91	\$11.07	\$7.70	\$11.16	\$14.70
29-1123	Physical Therapists	\$25.15	\$30.83	\$26.76	\$30.58	\$33.57
29-1071	Physician Assistants	\$31.13	\$36.96	\$31.79	\$36.40	\$42.70
29-1069	Physicians and Surgeons, All Other	\$27.26	\$39.02	\$30.97	\$36.85	\$45.64
47-2151	Pipelayers	\$11.48	\$15.34	\$12.18	\$14.74	\$18.40
51-8099	Plant and System Operators, All Other	\$15.33	\$22.74	\$16.85	\$20.99	\$30.44
47-2152	Plumbers, Pipefitters, and Steamfitters	\$13.72	\$20.35	\$15.46	\$19.99	\$25.53

SOC Code	Occupational Title	Entry-Level Hourly Wage (1)	Mean Hourly Wage	25th Percentile Hourly Wage	50th Percentile (Median) Hourly Wage	75th Percentile Hourly Wage
33-3051	Police and Sheriff's Patrol Officers	\$16.98	\$22.95	\$18.02	\$21.47	\$28.71
43-5031	Police, Fire, and Ambulance Dispatchers	\$12.68	\$15.22	\$13.32	\$15.27	\$17.13
43-5051	Postal Service Clerks	\$16.47	\$18.51	\$17.49	\$19.00	\$20.52
43-5052	Postal Service Mail Carriers	\$14.27	\$17.60	\$15.24	\$17.25	\$20.31
43-5053	Postal Service Mail Sorters, Processors, and Processing Machine Operators	\$7.73	\$10.63	\$8.14	\$10.09	\$12.99
51-8013	Power Plant Operators	\$20.43	\$26.47	\$22.71	\$26.57	\$31.16
25-2011	Preschool Teachers, Except Special Education	\$7.68	\$12.58	\$7.77	\$9.59	\$18.16
51-5023	Printing Machine Operators	\$11.84	\$13.44	\$11.87	\$13.04	\$14.93
43-3061	Procurement Clerks	\$6.78	\$10.80	\$7.14	\$10.57	\$13.48
51-0000	Production Occupations	\$7.96	\$14.10	\$8.74	\$12.85	\$17.49
51-9199	Production Workers, All Other	\$9.97	\$12.52	\$9.92	\$10.89	\$14.18
11-9141	Property, Real Estate, and Community Association Managers	\$8.35	\$14.65	\$9.55	\$12.19	\$18.43
33-0000	Protective Service Occupations	\$12.84	\$21.60	\$15.54	\$22.87	\$26.98
29-1066	Psychiatrists	\$21.71	\$42.79	\$23.24	\$50.31	\$63.27
11-2031	Public Relations Managers	\$18.18	\$21.54	\$18.86	\$21.46	\$24.20
27-3031	Public Relations Specialists	\$11.69	\$15.97	\$12.27	\$14.00	\$19.27
13-1023	Purchasing Agents, Except Wholesale, Retail, and Farm Products	\$11.27	\$17.68	\$13.47	\$17.01	\$22.37
11-3061	Purchasing Managers	\$16.28	\$24.33	\$16.87	\$23.74	\$30.93
29-2034	Radiologic Technologists and Technicians	\$16.54	\$21.23	\$18.47	\$21.16	\$24.45

SOC Code	Occupational Title	Entry-Level Hourly Wage (1)	Mean Hourly Wage	25th Percentile Hourly Wage	50th Percentile (Median) Hourly Wage	75th Percentile Hourly Wage
41-9021	Real Estate Brokers	\$36.96	\$40.57	\$37.21	\$40.07	\$42.93
41-9022	Real Estate Sales Agents	\$15.52	\$16.70	\$14.88	\$15.89	\$16.88
43-4171	Receptionists and Information Clerks	\$7.81	\$10.01	\$8.26	\$9.61	\$11.41
39-9032	Recreation Workers	\$7.64	\$10.30	\$8.01	\$9.52	\$11.21
29-1111	Registered Nurses	\$22.37	\$25.94	\$23.27	\$25.80	\$28.56
29-1126	Respiratory Therapists	\$17.59	\$20.81	\$18.14	\$20.68	\$23.99
41-2031	Retail Salespersons	\$6.75*	\$9.62	\$6.85	\$7.97	\$9.33
47-2181	Roofers	\$9.12	\$15.04	\$10.54	\$14.94	\$19.22
41-0000	Sales and Related Occupations	\$6.78	\$11.88	\$7.23	\$8.65	\$13.29
11-2022	Sales Managers	\$17.31	\$31.07	\$19.85	\$26.67	\$42.05
41-3099	Sales Representatives, Services, All Other	\$14.39	\$25.23	\$16.75	\$22.06	\$30.18
41-4012	Sales Representatives, Wholesale and Manufacturing, Except Technical and Scientific Product	\$14.73	\$23.14	\$17.50	\$21.15	\$31.27
41-4011	Sales Representatives, Wholesale and Manufacturing, Technical and Scientific Products	\$14.49	\$18.17	\$18.00	\$19.56	\$20.99
51-7041	Sawing Machine Setters, Operators, and Tenders, Wood	\$13.32	\$15.88	\$14.33	\$15.95	\$17.59
25-2031	Secondary School Teachers, Except Special and Vocational Education	(2)	(2)	(2)	(2)	(2)
43-6014	Secretaries, Except Legal, Medical, and Executive	\$7.74	\$11.65	\$8.94	\$11.57	\$13.83
49-2098	Security and Fire Alarm Systems Installers	\$12.32	\$15.84	\$13.64	\$16.07	\$18.71
33-9032	Security Guards	\$9.07	\$11.01	\$9.53	\$10.87	\$12.80
25-3021	Self-Enrichment Education Teachers	\$8.50	\$10.12	\$9.08	\$9.98	\$10.86

SOC Code	Occupational Title	Entry-Level Hourly Wage (1)	Mean Hourly Wage	25th Percentile Hourly Wage	50th Percentile (Median) Hourly Wage	75th Percentile Hourly Wage
51-9012	Separating, Filtering, Clarifying, Precipitating, and Still Machine Setters, Operators, and	\$8.99	\$13.38	\$9.44	\$11.23	\$15.17
53-6031	Service Station Attendants	\$7.24	\$9.02	\$7.64	\$8.91	\$10.28
51-6031	Sewing Machine Operators	\$6.87	\$8.89	\$7.05	\$9.15	\$10.21
47-2211	Sheet Metal Workers	\$12.03	\$13.93	\$12.09	\$13.29	\$15.00
43-5071	Shipping, Receiving, and Traffic Clerks	\$7.96	\$11.16	\$8.43	\$10.10	\$13.74
11-9151	Social and Community Service Managers	\$15.75	\$22.55	\$17.71	\$20.56	\$26.02
21-1093	Social and Human Service Assistants	\$11.44	\$13.80	\$11.92	\$13.13	\$14.59
25-2042	Special Education Teachers, Middle School	(2)	(2)	(2)	(2)	(2)
25-2041	Special Education Teachers, Preschool, Kindergarten, and Elementary School	(2)	(2)	(2)	(2)	(2)
25-2043	Special Education Teachers, Secondary School	(2)	(2)	(2)	(2)	(2)
29-1127	Speech-Language Pathologists	\$21.10	\$26.91	\$22.76	\$28.52	\$31.66
51-8021	Stationary Engineers and Boiler Operators	\$23.81	\$28.58	\$28.32	\$30.54	\$32.92
43-5081	Stock Clerks and Order Fillers	\$7.30	\$9.53	\$7.63	\$8.73	\$10.92
21-1011	Substance Abuse and Behavioral Disorder Counselors	\$8.65	\$12.82	\$9.26	\$12.94	\$15.50
29-1067	Surgeons	\$45.17	(3)	\$58.42	\$68.78	>\$70.00
29-2055	Surgical Technologists	\$14.82	\$17.42	\$15.57	\$17.76	\$19.81
17-3031	Surveying and Mapping Technicians	\$11.84	\$19.90	\$12.92	\$19.31	\$26.45
17-1022	Surveyors	\$17.33	\$24.41	\$19.72	\$25.00	\$28.89
43-2011	Switchboard Operators, Including Answering Service	\$7.74	\$10.29	\$7.98	\$9.10	\$11.58

SOC Code	Occupational Title	Entry-Level Hourly Wage (1)	Mean Hourly Wage	25th Percentile Hourly Wage	50th Percentile (Median) Hourly Wage	75th Percentile Hourly Wage
47-2082	Tapers	\$11.17	\$17.30	\$12.93	\$17.41	\$22.12
13-2081	Tax Examiners, Collectors, and Revenue Agents	\$12.05	\$22.73	\$13.23	\$21.01	\$32.95
25-9041	Teacher Assistants	(2)	(2)	(2)	(2)	(2)
51-2092	Team Assemblers	\$8.07	\$12.71	\$8.76	\$10.55	\$15.84
49-2022	Telecommunications Equipment Installers and Repairers, Except Line Installers	\$21.56	\$25.01	\$23.88	\$25.95	\$28.06
41-9041	Telemarketers	\$6.89	\$7.74	\$6.84	\$7.25	\$8.59
43-3071	Tellers	\$8.76	\$10.64	\$9.15	\$10.20	\$11.35
51-6099	Textile, Apparel, and Furnishings Workers, All Other	\$6.90	\$7.46	\$6.75*	\$7.07	\$7.41
49-3093	Tire Repairers and Changers	\$7.41	\$9.94	\$7.64	\$8.54	\$10.57
23-2093	Title Examiners, Abstractors, and Searchers	\$11.08	\$15.83	\$12.55	\$15.66	\$18.40
39-6021	Tour Guides and Escorts	\$7.13	\$10.02	\$7.39	\$9.99	\$12.31
13-1073	Training and Development Specialists	\$10.10	\$18.25	\$11.33	\$13.47	\$27.58
53-0000	Transportation and Material Moving Occupations	\$7.79	\$13.23	\$8.71	\$12.90	\$17.04
11-3071	Transportation, Storage, and Distribution Managers	\$17.00	\$25.89	\$20.05	\$25.91	\$31.14
41-3041	Travel Agents	\$6.75*	\$9.91	\$6.99	\$8.99	\$12.93
37-3013	Tree Trimmers and Pruners	\$7.93	\$13.40	\$8.32	\$14.32	\$16.33
53-3032	Truck Drivers, Heavy and Tractor-Trailer	\$11.39	\$14.96	\$12.89	\$15.22	\$17.06
53-3033	Truck Drivers, Light or Delivery Services	\$8.69	\$13.20	\$9.89	\$12.88	\$16.32
19-3051	Urban and Regional Planners	\$20.44	\$24.26	\$20.81	\$23.52	\$27.99
29-1131	Veterinarians	\$27.55	\$37.50	\$30.33	\$38.07	\$45.53
31-9096	Veterinary Assistants and Laboratory Animal Caretakers	\$7.01	\$7.93	\$7.22	\$7.91	\$8.60

SOC Code	Occupational Title	Entry-Level Hourly Wage (1)	Mean Hourly Wage	25th Percentile Hourly Wage	50th Percentile (Median) Hourly Wage	75th Percentile Hourly Wage
29-2056	Veterinary Technologists and Technicians	\$9.67	\$12.47	\$9.95	\$11.53	\$13.77
25-2023	Vocational Education Teachers, Middle School	(2)	(2)	(2)	(2)	(2)
25-2032	Vocational Education Teachers, Secondary School	(2)	(2)	(2)	(2)	(2)
35-3031	Waiters and Waitresses	\$6.75*	\$7.08	\$6.75*	\$6.97	\$7.80
51-8031	Water and Liquid Waste Treatment Plant and System Operators	\$15.32	\$20.95	\$17.62	\$20.68	\$25.31
43-5111	Weighers, Measurers, Checkers, and Samplers, Recordkeeping	\$8.38	\$12.82	\$8.73	\$10.87	\$17.36
51-4121	Welders, Cutters, Solderers, and Brazers	\$11.88	\$18.13	\$12.77	\$15.88	\$21.62
13-1022	Wholesale and Retail Buyers, Except Farm Products	\$11.66	\$17.68	\$12.45	\$15.31	\$21.99
51-7042	Woodworking Machine Setters, Operators, and Tenders, Except Sawing	\$13.06	\$15.17	\$14.40	\$15.64	\$16.86
43-9022	Word Processors and Typists	\$9.90	\$17.21	\$10.41	\$15.54	\$24.92
19-1023	Zoologists and Wildlife Biologists	\$19.34	\$23.34	\$20.10	\$23.12	\$26.35

Data

- (1) The mean of the first third of the wage distribution is provided as a proxy for entry-level wage
 - (2) For some occupations, workers may not work full-time all year-round. For these occupations it is not feasible to calculate an hourly wage.
 - (3) For occupations where a substantial portion of workers earn more than \$70.00 per hour (the top step in the 2001 OES survey), the mean hourly and annual wages cannot be reliably calculated. This may occasionally apply to the entry-level wage as well.
 - (4) An estimate of employment could not be provided.
 - (5) The "Mean Relative Standard Error" is a measure of the relative precision of the wage estimate. A low number denotes relatively high validity.
- * The survey reference date was in the fourth quarter of 2001, when the California minimum wage was \$6.25 per hour. Since these wages were updated to 2002, and the minimum wage changed to \$6.75 per hour on January 1, 2002, wages below \$6.75 were set to \$6.75 per hour.

Source: Employment Development Department
Labor Market Information Division
(916) 262-2162

Projections & Planning Information

Module F:

Social & Economic Data

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Introduction To Social And Economic Data Tables

The data for the Social and Economic Data Tables were developed from a variety of sources to aid local organizations in identifying target group needs and in making appropriate resource allocations for employment and training activities.

Terms expressed in these tables are those commonly used by the U.S. Department of Commerce, the Bureau of the Census and the various state agencies which supplied the data. (The specified source of the data is noted at the bottom of each table.) To aid users of this publication, these terms are defined in the *Explanation of Terms and Concepts* section at the back of this packet.

Automated Access

Electronic access to current data is available through the Employment Development Department's Internet address at:

www.calmis.ca.gov

For technical assistance or additional information about the Employment Development Department's Labor Market Information Division Internet website, please call (916) 262-2162 or FAX (916) 262-2443 to order other publications.

TABLE 1
PUBLIC ASSISTANCE RECIPIENTS BY PROGRAM
2000 - 2002
TUOLUMNE COUNTY

Recipients by Program	July			CALIFORNIA July 2002
	2000	2001	2002	
California Work Opportunity and Responsibility To Kids (CalWORKs) (a)	1,988	1,773	1,438	1,331,704
Adults	595	508	400	297,063
Children	1,393	1,265	1,038	1,034,641
Food Stamps (b)	2,468	2,147	2,039	1,529,445
General Relief (c)	16	10	7	95,718
Refugee Cash Assistance (d)	0	0	0	1,362
Welfare to Work (e)	525	431	301	266,670

Source: California Department of Social Services

To access detailed reports for county comparisons, visit the California Department of Social Services Internet address at: <http://www.dss.cahwnet.gov/research>

CalWORKs: see report CA 237; Food Stamps: see report DFA 256;

General Relief: see report GR 237; Welfare to Work: see reports WTW 25 and WTW 25A.

(a) Data include foster care children.

(b) Includes those persons receiving public assistance payments and those not receiving public assistance payments.

(c) General Relief data for July 2001 were not available. Data provided are for March 2001.

(d) Refugee Cash Assistance data are for the third quarter and exclude CalWORKs recipients.

(e) With the passage of the Federal Personal Responsibility and Work Opportunity Act of 1996 and California's subsequent implementation of the California Work Opportunity and Responsibility to Kids Act (CalWORKs), the requirement for recipients of aid to participate in work related activities increased significantly. This number represents the number of CalWORKs recipients who have been enrolled or have been sent a notice to participate in Welfare to Work activities. These individuals may be required to participate or be willing to participate in these activities.

TABLE 2
PUBLIC ASSISTANCE RECIPIENTS (CalWORKs)
CHARACTERISTICS OF RECIPIENTS 16 YEARS AND OLDER
2000 - 2002
TUOLUMNE COUNTY

Characteristics	July			CALIFORNIA July 2002
	2000	2001	2002	
Total Recipients 16+ (a) (b)	690	610	500	461,210
Male	130	120	100	88,310
Female	560	490	400	373,040
16-20.	150	130	110	97,300
21-44	490	430	360	328,710
45-54	40	40	30	28,150
55+	10	10	10	7,200
White (Not Hispanic)	650	550	440	113,140
Black (Not Hispanic)	*	*	10	101,960
Hispanic	20	20	30	206,470
Asian & Pacific Islander	*	0	*	33,350
American Indian	10	20	20	3,290
Filipino	*	*	0	3,000

(CalWORKs) California Work Opportunity And Responsibility To Kids

Source: California Department of Social Services; U.S. Department of Commerce, Bureau of the Census; Detailed data by sex, age, and race/ethnicity are extrapolations based on aggregate figures provided by the Department of Social Services.

To access the detailed report for county comparisons, visit the California Department of Social Services Internet address at: <http://www.dss.cahwnet.gov/research>
See report ABCD 350.

(a) Includes children in Two Parent, Zero Parent, All Others and Foster Care cases.

(b) Detail may not add to total due to independent rounding.

* less than five

TABLE 3
Occupations With The Greatest Absolute Job Growth (1)
1999 - 2006
MOTHERLODE CONSORTIUM

CA OES CODE	OCCUPATION	ANNUAL AVERAGES		NUMBER OF NEW JOBS	PERCENT CHANGE
		1999(2)	2006		
49023	CASHIERS	1,370	1,690	320	23.4
63017	CORRECTION OFFICERS, JAILERS	1,100	1,390	290	26.4
49011	SALESPERSONS, RETAIL	1,190	1,430	240	20.2
19005	GENERAL MANAGERS, TOP EXECUTIVES	850	1,020	170	20.0
31521	TEACHER AIDES, PARAPROFESSIONAL	570	740	170	29.8
55347	GENERAL OFFICE CLERKS	780	930	150	19.2
65008	WAITERS AND WAITRESSES	930	1,070	140	15.1
32502	REGISTERED NURSES	680	810	130	19.1
63014	POLICE PATROL OFFICERS	430	560	130	30.2
31305	TEACHERS--ELEMENTARY SCHOOL	810	930	120	14.8
67002	MAIDS AND HOUSEKEEPING CLEANERS	740	860	120	16.2
65041	COMBINED FOOD PREP AND SERVICE	540	640	100	18.5
79041	LABORERS, LANDSCAPING/GROUNDSKEE	410	510	100	24.4
31308	TEACHERS--SECONDARY SCHOOL	380	460	80	21.1
31321	INSTRUCTORS AND COACHES--SPORTS	300	380	80	26.7
67005	JANITORS, CLEANERS--EXCEPT MAIDS	550	630	80	14.5
49017	COUNTER AND RENTAL CLERKS	140	210	70	50.0
55305	RECEPTIONISTS, INFORMATION CLERKS	330	400	70	21.2
66008	NURSE AIDES, ORDERLIES, ATTENDANTS	320	390	70	21.9
97105	TRUCK DRIVERS, LIGHT	280	350	70	25.0

Source: Employment Development Department, Labor Market Information Division,
Information Services Group and Occupational Employment Statistics Group

(1) Occupational Projections and OES Wages available online at www.calmis.ca.gov

(2) March 2001 Benchmark

* Median Hourly Wages for the Mother Lode Consortium, which includes Amador, Calaveras, Mariposa, and Tuolumne Counties are not necessarily calculated at the county level. Wages for these individual counties can be obtained at [http://www.calmis.ca.gov/file/occup\\$/oes\\$.htm](http://www.calmis.ca.gov/file/occup$/oes$.htm) or for further information call 262-2162.

TABLE 4
LOWER LIVING STANDARD INCOME LEVEL (LLSIL)
AND POVERTY GUIDELINES
2002

Table 1 — San Diego Metropolitan Statistical Area

San Diego							
	Family Size						
	One Member	Two Member	Three Member	Four Member	Five Member	Six Member	Each Additional Member Add
70% LLSIL (a)							
Annual	\$8,450	\$13,850	\$19,010	\$23,460	\$27,690	\$32,380	\$4,690
6 Months	\$4,225	\$6,925	\$9,505	\$11,730	\$13,845	\$16,190	\$2,345
100%	\$12,070	\$19,780	\$27,150	\$33,510	\$39,550	\$46,250	\$6,700
Poverty Guidelines (a)							
Annual	\$8,860	\$11,940	\$15,020	\$18,100	\$21,180	\$24,260	\$3,080
6 Months	\$4,430	\$5,970	\$7,510	\$9,050	\$10,590	\$12,130	\$1,540

Table 2 — Los Angeles/Riverside/Orange County Metropolitan Statistical Area

Anaheim	Los Angeles County					San Bernardino County	
Carson/Lomita/Torrance	Orange County					SELACO	
Foothill	Riverside County					South Bay	
Long Beach	Santa Ana					Ventura	
Los Angeles City	San Bernardino City					Verdugo	
	Family Size						
	One Member	Two Member	Three Member	Four Member	Five Member	Six Member	Each Additional Member Add
70% LLSIL (a)							
Annual	\$7,900	\$12,940	\$17,770	\$21,930	\$25,880	\$30,270	\$4,390
6 Months	\$3,950	\$6,470	\$8,885	\$10,965	\$12,940	\$15,135	\$2,195
100%	\$11,280	\$18,490	\$25,380	\$31,330	\$36,970	\$43,240	\$6,270
Poverty Guidelines (a)							
Annual	\$8,860	\$11,940	\$15,020	\$18,100	\$21,180	\$24,260	\$3,080
6 Months	\$4,430	\$5,970	\$7,510	\$9,050	\$10,590	\$12,130	\$1,540

TABLE 4
LOWER LIVING STANDARD INCOME LEVEL (LLSIL)
AND POVERTY GUIDELINES
2002

Table 3 — San Francisco/Oakland/San Jose Metropolitan Statistical Area

Alameda	Oakland						Santa Cruz
Contra Costa	Richmond						Solano
Marin	San Francisco						Sonoma
Napa	San Jose						
NOVA	San Mateo						
	Family Size						
	One Member	Two Member	Three Member	Four Member	Five Member	Six Member	Each Additional Member Add
70% LLSIL (a)							
Annual	\$8,570	\$14,040	\$19,270	\$23,790	\$28,080	\$32,840	\$4,760
6 Months	\$4,285	\$7,020	\$9,635	\$11,895	\$14,040	\$16,420	\$2,380
100%	\$12,240	\$20,060	\$27,540	\$33,990	\$40,110	\$46,910	\$6,800
Poverty Guidelines (a)							
Annual	\$8,860	\$11,940	\$15,020	\$18,100	\$21,180	\$24,260	\$3,080
6 Months	\$4,430	\$5,970	\$7,510	\$9,050	\$10,590	\$12,130	\$1,540

Table 4 — Other Metropolitan Areas

Fresno	NoRTEC						Stanislaus
Golden Sierra	North Central						Tulare
Kern/Inyo/Mono	Sacramento						Yolo
Merced	San Joaquin						
Monterey	Santa Barbara						
	Family Size						
	One Member	Two Member	Three Member	Four Member	Five Member	Six Member	Each Additional Member Add
70% LLSIL (a)							
Annual	\$7,820	\$12,810	\$17,580	\$21,700	\$25,610	\$29,950	\$4,340
6 Months	\$3,910	\$6,405	\$8,790	\$10,850	\$12,805	\$14,975	\$2,170
100%	\$11,160	\$18,290	\$25,110	\$30,990	\$36,570	\$42,770	\$6,200
Poverty Guidelines (a)							
Annual	\$8,860	\$11,940	\$15,020	\$18,100	\$21,180	\$24,260	\$3,080
6 Months	\$4,430	\$5,970	\$7,510	\$9,050	\$10,590	\$12,130	\$1,540

TABLE 4
LOWER LIVING STANDARD INCOME LEVEL (LLSIL)
AND POVERTY GUIDELINES
2002

Table 5 — Nonmetropolitan Areas

Humboldt	Mother Lode						
Imperial	San Benito						
Kings	San Luis Obispo						
Madera							
Mendocino							
	Family Size						
	One Member	Two Member	Three Member	Four Member	Five Member	Six Member	Each Additional Member Add
70% LLSIL (a)							
Annual	\$7,560	\$12,390	\$17,010	\$20,990	\$24,770	\$28,970	\$4,200
6 Months	\$3,780	\$6,195	\$8,505	\$10,495	\$12,385	\$14,485	\$2,100
100%	\$10,800	\$17,690	\$24,290	\$29,980	\$35,380	\$41,380	\$6,000
Poverty Guidelines (a)							
Annual	\$8,860	\$11,940	\$15,020	\$18,100	\$21,180	\$24,260	\$3,080
6 Months	\$4,430	\$5,970	\$7,510	\$9,050	\$10,590	\$12,130	\$1,540

Source: State of California, Workforce Investment Division, Workforce Investment Act Directive,
Number: WIAD01-18, Dated June 11, 2002.

(a) Tables 1 through 5 show the 70 percent LLSIL and the poverty guidelines for western metropolitan and nonmetropolitan areas, and for three specific Metropolitan Statistical Areas in California. In addition, each LLSIL table includes the 100 percent LLSIL that establishes the Department of Labor's minimum self-sufficiency levels. Each table specifies which areas encompass which Local Workforce Investment Area (LWIA). For a family of one, in all tables, the poverty guidelines exceed the 70 percent LLSIL and, therefore, should be used to establish the low-income status. For all other family sizes, the LLSILs exceed the poverty guidelines. The last column in each table shows the amount to be added to the figure for a family of six for each additional family member.

TABLE 5
WORKFORCE INVESTMENT ACT
PLANNING INFORMATION FOR LOCAL WORKFORCE INVESTMENT AREAS
SELECTED CHARACTERISTICS BY AGE

LWIA NAME: MOTHER LODE

JURISDICTIONS INCLUDED: AMADOR, CALAVERAS, MARIPOSA AND TUOLUMNE COUNTIES -- CONSORTIUM

JANUARY 10, 2003

CHARACTERISTICS OF VARIOUS POTENTIAL CLIENT GROUPS

LABOR FORCE STATUS (1)		
EMPLOYED		58,452
UNEMPLOYED		3,533
UNEMPLOYMENT RATE		5.7
NOT IN LABOR FORCE (2)		58,799
2002 VETERAN INFORMATION		
TOTAL VETERANS (3)		14,325
MALE		13,464
FEMALE		861
VIETNAM ERA VETERANS - CENSUS 2000 (4)		6,606
DISABLED VETERANS (5)		1,575
OFFENDERS (6)		3,392

1990 CENSUS (7)

FAMILIES IN POVERTY AS A % OF ALL FAMILIES 7.3

CHARACTERISTICS OF ECONOMICALLY DISADVANTAGED PERSONS 14 TO 72 YEARS OLD (8)

	14 - 15 (9)		16 - 21		22 - 54		55 - 72		Total 16 - 72	
	NUMBER	%	NUMBER	%	NUMBER	%	NUMBER	%	NUMBER	%
TOTAL ECONOMIC DISADVANTAGED	393	100.0	2,782	100.0	8,539	100.0	3,182	100.0	14,503	100.0
BY RACE:										
WHITE NOT HISPANIC	356	90.6	2,237	80.4	7,005	82.0	2,690	84.5	11,932	82.3
BLACK NOT HISPANIC	0	0	11	0.4	66	0.8	30	0.9	107	0.7
AMERICAN INDIAN NOT HISP	29	7.4	276	9.9	580	6.8	174	5.5	1,030	7.1
ASIAN NOT HISPANIC	0	0	0	0	30	0.4	22	0.7	52	0.4
PACIFIC ISLAND NOT HISP	0	0	0	0	0	0	0	0	0	0
HISPANIC	8	2.0	258	9.3	858	10.0	266	8.4	1,382	9.5
BY SEX:										
MALE	306	77.9	1,368	49.2	3,703	43.4	1,309	41.1	6,380	44.0
FEMALE	87	22.1	1,414	50.8	4,836	56.6	1,873	58.9	8,123	56.0
HIGH SCHOOL EXPERIENCE:										
DROPOUTS	8	2.0	530	19.0	1,730	20.3	1,097	34.5	3,357	23.1
GRADUATES	0	0	215	7.7	2,932	34.3	960	30.2	4,107	28.3
STUDENTS	185	47.1	964	34.7	146	1.7	32	1.0	1,142	7.9
DISABLED	0	0	230	8.3	1,802	21.1	1,243	39.1	3,275	22.6
LIMITED ENGLISH PROF	8	2.0	230	8.3	309	3.6	30	0.9	569	3.9

TABLE 5
WORKFORCE INVESTMENT ACT
PLANNING INFORMATION FOR LOCAL WORKFORCE INVESTMENT AREAS
SELECTED CHARACTERISTICS BY AGE

Footnotes and data sources:

Source: Employment Development Department, Labor Market Information Division,
Current Economic Statistics Group.

Note: Data provided are the most recent available.

- (1) Labor force in this category refers to civilian labor force (16 years and older). This category includes, but is not limited to, the economically disadvantaged. Labor Force data are based on preliminary data (monthly average) for the period 12/2001 through 11/2002. March 2001 Benchmark.
- (2) Not in labor force (16 years and older) are those who are not employed and not actively seeking employment. This category includes, but is not limited to, the economically disadvantaged. Not in labor force data are based on preliminary labor force data (12/01 - 11/02), Department of Finance populations estimates as of 1/02 and working age populations from 1990 census data.
- (3) Department of Veterans Affairs, Office of the Actuary, Estimated Veteran Totals, September 30, 2002, Washington, D.C.
- (4) U.S. Census Bureau, Census 2000, American FactFinder.
- (5) Department of Veterans Affairs, Statistics for Veterans Receiving Compensation and Pension Benefits, February 14, 2002, Washington, D.C.
- (6) 2001 Criminal Justice Profile, California Department of Justice.
- (7) Based on poverty data from the 1990 census. The 2000 census data will not be available until 2005. The economically disadvantaged population was provided by the Employment and Training Administration from a custom tabulation provided by the United States Bureau of Census.
- (8) Data for each characteristic in this section were derived by an independent estimating process using census summary data and census public use micro sample. Totals may not match other data from the same sources.
- (9) Data are not included in **Total 16 - 72** column.

Table DP-1. Profile of General Demographic Characteristics: 2000

Geographic Area: Tuolumne County, California

[For information on confidentiality protection, nonsampling error, and definitions, see text]

Subject	Number	Percent	Subject	Number	Percent
Total population	54,501	100.0	HISPANIC OR LATINO AND RACE		
SEX AND AGE			Total population	54,501	100.0
Male.....	28,738	52.7	Hispanic or Latino (of any race).....	4,445	8.2
Female.....	25,763	47.3	Mexican.....	3,394	6.2
Under 5 years.....	2,466	4.5	Puerto Rican.....	101	0.2
5 to 9 years.....	2,976	5.5	Cuban.....	31	0.1
10 to 14 years.....	3,544	6.5	Other Hispanic or Latino.....	919	1.7
15 to 19 years.....	3,610	6.6	Not Hispanic or Latino.....	50,056	91.8
20 to 24 years.....	2,849	5.2	White alone.....	46,377	85.1
25 to 34 years.....	5,643	10.4	RELATIONSHIP		
35 to 44 years.....	8,162	15.0	Total population	54,501	100.0
45 to 54 years.....	8,890	16.3	In households.....	49,665	91.1
55 to 59 years.....	3,306	6.1	Householder.....	21,004	38.5
60 to 64 years.....	2,988	5.5	Spouse.....	11,425	21.0
65 to 74 years.....	5,541	10.2	Child.....	12,716	23.3
75 to 84 years.....	3,559	6.5	Own child under 18 years.....	10,106	18.5
85 years and over.....	967	1.8	Other relatives.....	1,856	3.4
Median age (years).....	42.9	(X)	Under 18 years.....	817	1.5
18 years and over.....	43,201	79.3	Nonrelatives.....	2,664	4.9
Male.....	22,838	41.9	Unmarried partner.....	1,230	2.3
Female.....	20,363	37.4	In group quarters.....	4,836	8.9
21 years and over.....	41,279	75.7	Institutionalized population.....	4,471	8.2
62 years and over.....	11,856	21.8	Noninstitutionalized population.....	365	0.7
65 years and over.....	10,067	18.5	HOUSEHOLD BY TYPE		
Male.....	4,646	8.5	Total households	21,004	100.0
Female.....	5,421	9.9	Family households (families).....	14,249	67.8
RACE			With own children under 18 years.....	5,476	26.1
One race.....	52,951	97.2	Married-couple family.....	11,425	54.4
White.....	48,750	89.4	With own children under 18 years.....	3,715	17.7
Black or African American.....	1,146	2.1	Female householder, no husband present.....	2,018	9.6
American Indian and Alaska Native.....	992	1.8	With own children under 18 years.....	1,255	6.0
Asian.....	395	0.7	Nonfamily households.....	6,755	32.2
Asian Indian.....	32	0.1	Householder living alone.....	5,453	26.0
Chinese.....	90	0.2	Householder 65 years and over.....	2,465	11.7
Filipino.....	127	0.2	Households with individuals under 18 years.....	6,071	28.9
Japanese.....	73	0.1	Households with individuals 65 years and over.....	6,917	32.9
Korean.....	14	-	Average household size.....	2.36	(X)
Vietnamese.....	21	-	Average family size.....	2.82	(X)
Other Asian ¹	38	0.1	HOUSING OCCUPANCY		
Native Hawaiian and Other Pacific Islander.....	91	0.2	Total housing units	28,336	100.0
Native Hawaiian.....	31	0.1	Occupied housing units.....	21,004	74.1
Guamanian or Chamorro.....	23	-	Vacant housing units.....	7,332	25.9
Samoan.....	8	-	For seasonal, recreational, or		
Other Pacific Islander ²	29	0.1	occasional use.....	5,856	20.7
Some other race.....	1,577	2.9	Homeowner vacancy rate (percent).....	2.2	(X)
Two or more races.....	1,550	2.8	Rental vacancy rate (percent).....	6.9	(X)
Race alone or in combination with one			HOUSING TENURE		
or more other races: ³			Occupied housing units	21,004	100.0
White.....	50,228	92.2	Owner-occupied housing units.....	14,978	71.3
Black or African American.....	1,240	2.3	Renter-occupied housing units.....	6,026	28.7
American Indian and Alaska Native.....	1,875	3.4	Average household size of owner-occupied units.....	2.36	(X)
Asian.....	652	1.2	Average household size of renter-occupied units.....	2.38	(X)
Native Hawaiian and Other Pacific Islander.....	219	0.4			
Some other race.....	1,961	3.6			

- Represents zero or rounds to zero. (X) Not applicable.

¹ Other Asian alone, or two or more Asian categories.² Other Pacific Islander alone, or two or more Native Hawaiian and Other Pacific Islander categories.³ In combination with one or more of the other races listed. The six numbers may add to more than the total population and the six percentages may add to more than 100 percent because individuals may report more than one race.

Source: U.S. Census Bureau, Census 2000.

Table DP-2. Profile of Selected Social Characteristics: 2000

Geographic area: Tuolumne County, California

[Data based on a sample. For information on confidentiality protection, sampling error, nonsampling error, and definitions, see text]

Subject	Number	Percent	Subject	Number	Percent
SCHOOL ENROLLMENT			NATIVITY AND PLACE OF BIRTH		
Population 3 years and over enrolled in school.....	13,347	100.0	Total population.....	54,501	100.0
Nursery school, preschool.....	781	5.9	Native.....	52,777	96.8
Kindergarten.....	682	5.1	Born in United States.....	52,461	96.3
Elementary school (grades 1-8).....	5,059	37.9	State of residence.....	36,887	67.7
High school (grades 9-12).....	4,000	30.0	Different state.....	15,574	28.6
College or graduate school.....	2,825	21.2	Born outside United States.....	316	0.6
EDUCATIONAL ATTAINMENT			Foreign born.....	1,724	3.2
Population 25 years and over.....	38,977	100.0	Entered 1990 to March 2000.....	353	0.6
Less than 9th grade.....	1,230	3.2	Naturalized citizen.....	1,075	2.0
9th to 12th grade, no diploma.....	4,899	12.6	Not a citizen.....	649	1.2
High school graduate (includes equivalency).....	11,579	29.7	REGION OF BIRTH OF FOREIGN BORN		
Some college, no degree.....	12,084	31.0	Total (excluding born at sea).....	1,724	100.0
Associate degree.....	2,901	7.4	Europe.....	699	40.5
Bachelor's degree.....	3,963	10.2	Asia.....	320	18.6
Graduate or professional degree.....	2,321	6.0	Africa.....	9	0.5
Percent high school graduate or higher.....	84.3	(X)	Oceania.....	12	0.7
Percent bachelor's degree or higher.....	16.1	(X)	Latin America.....	442	25.6
MARITAL STATUS			Northern America.....	242	14.0
Population 15 years and over.....	45,560	100.0	LANGUAGE SPOKEN AT HOME		
Never married.....	8,088	17.8	Population 5 years and over.....	51,965	100.0
Now married, except separated.....	27,827	61.1	English only.....	48,955	94.2
Separated.....	917	2.0	Language other than English.....	3,010	5.8
Widowed.....	3,509	7.7	Speak English less than "very well".....	799	1.5
Female.....	2,437	5.3	Spanish.....	1,833	3.5
Divorced.....	5,219	11.5	Speak English less than "very well".....	538	1.0
Female.....	2,822	6.2	Other Indo-European languages.....	912	1.8
GRANDPARENTS AS CAREGIVERS			Speak English less than "very well".....	151	0.3
Grandparent living in household with one or more own grandchildren under 18 years.....	771	100.0	Asian and Pacific Island languages.....	249	0.5
Grandparent responsible for grandchildren.....	332	43.1	Speak English less than "very well".....	110	0.2
VETERAN STATUS			ANCESTRY (single or multiple)		
Civilian population 18 years and over ..	43,194	100.0	Total population.....	54,501	100.0
Civilian veterans.....	8,260	19.1	Total ancestries reported.....	58,366	107.1
DISABILITY STATUS OF THE CIVILIAN NONINSTITUTIONALIZED POPULATION			Arab.....	30	0.1
Population 5 to 20 years.....	10,487	100.0	Czech ¹	161	0.3
With a disability.....	1,018	9.7	Danish.....	639	1.2
Population 21 to 64 years.....	27,205	100.0	Dutch.....	1,369	2.5
With a disability.....	5,819	21.4	English.....	9,206	16.9
Percent employed.....	44.4	(X)	French (except Basque) ¹	1,974	3.6
No disability.....	21,386	78.6	French Canadian ¹	310	0.6
Percent employed.....	72.2	(X)	German.....	9,679	17.8
Population 65 years and over.....	9,871	100.0	Greek.....	190	0.3
With a disability.....	3,555	36.0	Hungarian.....	114	0.2
RESIDENCE IN 1995			Irish ¹	8,070	14.8
Population 5 years and over.....	51,965	100.0	Italian.....	3,672	6.7
Same house in 1995.....	25,664	49.4	Lithuanian.....	49	0.1
Different house in the U.S. in 1995.....	25,987	50.0	Norwegian.....	1,072	2.0
Same county.....	10,950	21.1	Polish.....	621	1.1
Different county.....	15,037	28.9	Portuguese.....	1,654	3.0
Same state.....	12,306	23.7	Russian.....	295	0.5
Different state.....	2,731	5.3	Scotch-Irish.....	1,473	2.7
Elsewhere in 1995.....	314	0.6	Scottish.....	1,634	3.0
			Slovak.....	26	-
			Subsaharan African.....	12	-
			Swedish.....	1,734	3.2
			Swiss.....	348	0.6
			Ukrainian.....	33	0.1
			United States or American.....	2,626	4.8
			Welsh.....	684	1.3
			West Indian (excluding Hispanic groups).....	4	-
			Other ancestries.....	10,687	19.6

-Represents zero or rounds to zero. (X) Not applicable.

¹The data represent a combination of two ancestries shown separately in Summary File 3. Czech includes Czechoslovakian. French includes Alsatian. French Canadian includes Acadian/Cajun. Irish includes Celtic.

Source: U.S. Bureau of the Census, Census 2000.

Geographic area: Tuolumne County, California

Subject	Number	Percent	Subject	Number	Percent
EMPLOYMENT STATUS			INCOME IN 1999		
Population 16 years and over	44,782	100.0	Households	20,989	100.0
In labor force	22,136	49.4	Less than \$10,000	1,937	9.2
Civilian labor force	22,113	49.4	\$10,000 to \$14,999	1,373	6.5
Employed	20,419	45.6	\$15,000 to \$24,999	3,183	15.2
Unemployed	1,694	3.8	\$25,000 to \$34,999	2,882	13.7
Percent of civilian labor force	7.7	(X)	\$35,000 to \$49,999	3,952	18.8
Armed Forces	23	0.1	\$50,000 to \$74,999	4,149	19.8
Not in labor force	22,646	50.6	\$75,000 to \$99,999	1,698	8.1
Females 16 years and over	21,136	100.0	\$100,000 to \$149,999	1,204	5.7
In labor force	10,425	49.3	\$150,000 to \$199,999	314	1.5
Civilian labor force	10,425	49.3	\$200,000 or more	297	1.4
Employed	9,619	45.5	Median household income (dollars)	38,725	(X)
Own children under 6 years	2,865	100.0	With earnings	14,589	69.5
All parents in family in labor force	1,695	59.2	Mean earnings (dollars) ¹	47,297	(X)
COMMUTING TO WORK			With Social Security income	8,081	38.5
Workers 16 years and over	19,878	100.0	Mean Social Security income (dollars) ¹	12,284	(X)
Car, truck, or van -- drove alone	15,392	77.4	With Supplemental Security Income	1,384	6.6
Car, truck, or van -- carpooled	2,394	12.0	Mean Supplemental Security Income		
Public transportation (including taxicab)	125	0.6	(dollars) ¹	6,241	(X)
Walked	585	2.9	With public assistance income	898	4.3
Other means	257	1.3	Mean public assistance income (dollars) ¹	4,156	(X)
Worked at home	1,125	5.7	With retirement income	6,107	29.1
Mean travel time to work (minutes) ¹	26.8	(X)	Mean retirement income (dollars) ¹	18,357	(X)
Employed civilian population			Families	14,295	100.0
16 years and over	20,419	100.0	Less than \$10,000	761	5.3
OCCUPATION			\$10,000 to \$14,999	570	4.0
Management, professional, and related			\$15,000 to \$24,999	1,846	12.9
occupations	6,059	29.7	\$25,000 to \$34,999	2,076	14.5
Service occupations	4,363	21.4	\$35,000 to \$49,999	2,844	19.9
Sales and office occupations	5,035	24.7	\$50,000 to \$74,999	3,252	22.7
Farming, fishing, and forestry occupations	182	0.9	\$75,000 to \$99,999	1,456	10.2
Construction, extraction, and maintenance			\$100,000 to \$149,999	969	6.8
occupations	2,470	12.1	\$150,000 to \$199,999	246	1.7
Production, transportation, and material moving			\$200,000 or more	275	1.9
occupations	2,310	11.3	Median family income (dollars)	44,327	(X)
INDUSTRY			Per capita income (dollars) ¹	21,015	(X)
Agriculture, forestry, fishing and hunting,			Median earnings (dollars):		
and mining	639	3.1	Male full-time, year-round workers	35,373	(X)
Construction	1,786	8.7	Female full-time, year-round workers	25,805	(X)
Manufacturing	1,408	6.9			
Wholesale trade	553	2.7			
Retail trade	2,566	12.6			
Transportation and warehousing, and utilities	1,005	4.9			
Information	327	1.6			
Finance, insurance, real estate, and rental and					
leasing	844	4.1			
Professional, scientific, management, adminis-					
trative, and waste management services	1,549	7.6			
Educational, health and social services	4,634	22.7			
Arts, entertainment, recreation, accommodation					
and food services	2,450	12.0			
Other services (except public administration)	1,119	5.5			
Public administration	1,539	7.5			
CLASS OF WORKER					
Private wage and salary workers	12,962	63.5			
Government workers	4,408	21.6			
Self-employed workers in own not incorporated					
business	2,967	14.5			
Unpaid family workers	82	0.4			

¹If the denominator of a mean value or per capita value is less than 30, then that value is calculated using a rounded aggregate in the numerator. See text.

3

Table DP-4. Profile of Selected Housing Characteristics: 2000

Geographic area: Tuolumne County, California

[Data based on a sample. For information on confidentiality protection, sampling error, nonsampling error, and definitions, see text]

Subject	Number	Percent	Subject	Number	Percent
Total housing units	28,336	100.0	OCCUPANTS PER ROOM		
UNITS IN STRUCTURE			Occupied housing units	21,004	100.0
1-unit, detached	21,715	76.6	1.00 or less	20,244	96.4
1-unit, attached	653	2.3	1.01 to 1.50	481	2.3
2 units	418	1.5	1.51 or more	279	1.3
3 or 4 units	746	2.6			
5 to 9 units	512	1.8	Specified owner-occupied units	11,282	100.0
10 to 19 units	228	0.8	VALUE		
20 or more units	336	1.2	Less than \$50,000	80	0.7
Mobile home	3,615	12.8	\$50,000 to \$99,999	1,455	12.9
Boat, RV, van, etc	113	0.4	\$100,000 to \$149,999	4,127	36.6
			\$150,000 to \$199,999	2,778	24.6
YEAR STRUCTURE BUILT			\$200,000 to \$299,999	1,899	16.8
1999 to March 2000	430	1.5	\$300,000 to \$499,999	819	7.3
1995 to 1998	1,292	4.6	\$500,000 to \$999,999	108	1.0
1990 to 1994	3,067	10.8	\$1,000,000 or more	16	0.1
1980 to 1989	6,928	24.4	Median (dollars)	149,800	(X)
1970 to 1979	7,730	27.3			
1960 to 1969	3,827	13.5	MORTGAGE STATUS AND SELECTED		
1940 to 1959	3,258	11.5	MONTHLY OWNER COSTS		
1939 or earlier	1,804	6.4	With a mortgage	7,466	66.2
			Less than \$300	40	0.4
ROOMS			\$300 to \$499	210	1.9
1 room	485	1.7	\$500 to \$699	774	6.9
2 rooms	834	2.9	\$700 to \$999	2,117	18.8
3 rooms	2,562	9.0	\$1,000 to \$1,499	2,857	25.3
4 rooms	5,002	17.7	\$1,500 to \$1,999	1,007	8.9
5 rooms	7,665	27.1	\$2,000 or more	461	4.1
6 rooms	6,483	22.9	Median (dollars)	1,088	(X)
7 rooms	3,063	10.8	Not mortgaged	3,816	33.8
8 rooms	1,339	4.7	Median (dollars)	311	(X)
9 or more rooms	903	3.2			
Median (rooms)	5.2	(X)	SELECTED MONTHLY OWNER COSTS		
			AS A PERCENTAGE OF HOUSEHOLD		
Occupied housing units	21,004	100.0	INCOME IN 1999		
YEAR HOUSEHOLDER MOVED INTO UNIT			Less than 15.0 percent	3,944	35.0
1999 to March 2000	3,952	18.8	15.0 to 19.9 percent	1,628	14.4
1995 to 1998	5,911	28.1	20.0 to 24.9 percent	1,497	13.3
1990 to 1994	4,001	19.0	25.0 to 29.9 percent	1,123	10.0
1980 to 1989	4,126	19.6	30.0 to 34.9 percent	791	7.0
1970 to 1979	2,059	9.8	35.0 percent or more	2,187	19.4
1969 or earlier	955	4.5	Not computed	112	1.0
VEHICLES AVAILABLE			Specified renter-occupied units	5,858	100.0
None	1,147	5.5	GROSS RENT		
1	6,238	29.7	Less than \$200	156	2.7
2	8,711	41.5	\$200 to \$299	263	4.5
3 or more	4,908	23.4	\$300 to \$499	1,380	23.6
			\$500 to \$749	2,162	36.9
HOUSE HEATING FUEL			\$750 to \$999	1,199	20.5
Utility gas	1,143	5.4	\$1,000 to \$1,499	297	5.1
Bottled, tank, or LP gas	11,034	52.5	\$1,500 or more	45	0.8
Electricity	2,901	13.8	No cash rent	356	6.1
Fuel oil, kerosene, etc	435	2.1	Median (dollars)	611	(X)
Coal or coke	20	0.1			
Wood	5,036	24.0	GROSS RENT AS A PERCENTAGE OF		
Solar energy	47	0.2	HOUSEHOLD INCOME IN 1999		
Other fuel	333	1.6	Less than 15.0 percent	884	15.1
No fuel used	55	0.3	15.0 to 19.9 percent	734	12.5
			20.0 to 24.9 percent	647	11.0
SELECTED CHARACTERISTICS			25.0 to 29.9 percent	599	10.2
Lacking complete plumbing facilities	96	0.5	30.0 to 34.9 percent	413	7.1
Lacking complete kitchen facilities	81	0.4	35.0 percent or more	2,199	37.5
No telephone service	298	1.4	Not computed	382	6.5

-Represents zero or rounds to zero. (X) Not applicable.

Source: U.S. Bureau of the Census, Census 2000.

Explanation Of Terms And Concepts

American Indian and Alaska Native: A person having origins in any of the original peoples of North and South America (including Central America), and who maintain tribal affiliation or community attachment.

Asian: A person having origins in any of the original peoples of the Far East, Southeast Asia, or the Indian subcontinent.

Black or African American: A person having origins in any of the Black racial groups of Africa.

CalWORKs: California Work Opportunity and Responsibility to Kids is a state designed public assistance program. Focus is on work and training; those who seek welfare must also seek work. Time and aid limits apply.

Food Stamp Recipient: A person receiving food stamp coupons that can be exchanged for groceries.

General Relief: A county administered assistance program which includes interim payments to the disabled, and payments to individuals who are ineligible for other assistance programs, such as CalWORKs and Refugee Cash Assistance.

Hispanic: Census 2000 adheres to the federal standards for collecting and presenting data on race and Hispanic origin as established by the Office of Management and Budget (OMB) in October 1997. The OMB defines Hispanic or Latino as "a person of Cuban, Mexican, Puerto Rican, South or Central American, or other Spanish culture or origin regardless of race."

Native Hawaiian and Other Pacific Islander: A person having origins in any of the original peoples of Hawaii, Guam, Samoa, or other Pacific Islands.

Public Assistance Recipient: A person receiving cash welfare payments and/or nonmonetary benefits under federal, state, or local welfare programs.

Refugee Cash Assistance: A cash assistance and employment services program designed for adults without children who have official status as refugee, and who have been in the United States for less than eight months. Aid is limited to eight months.

Some Other Race: Includes all other census responses not included in the "White," "Black or African American," "American Indian and Alaska Native," "Asian," and the "Native Hawaiian and Other Pacific Islander" race categories. Respondents providing write-in entries such as multiracial, mixed, interracial, or a Hispanic/Latino group (for example, Mexican, Puerto Rican, or Cuban) are included in this category.

Two or More Races: Refers to a classification of census respondents who chose to provide two or more races.

Veteran: A person who has served but is not now serving in the armed forces of the United States.

Vietnam-Era Veteran: A person who served between August 5, 1964, and May 7, 1975, but is not now serving in the armed forces of the United States.

Welfare-To-Work Program: The Welfare-To-Work Program helps family members acquire the skills needed to get a job. The county will determine if a family must participate in Welfare-To-Work activities as a requirement for CalWORKs. Families may also volunteer to participate.

White: A person having origins in any of the original peoples of Europe, the Middle East, or North Africa.



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